Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: n/a

8. FARM OR LEASE NAME: Monument Federal

2. NAME OF OPERATOR: Equitable Resources Energy Company

9. WELL NO.: #24-17-9-16

3. ADDRESS OF OPERATOR: 1601 Lewis Avenue; Billings, MT 59102

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: SE SW Section 17, T9S, R16E 660 FSL 1980 FWL
At proposed prod. zone: 603 201

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 17, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: From Myton, UT approximately 10 Mi SW

12. COUNTY OR PARISH: Duchesne

13. STATE: UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 640

16. NO. OF ACRES IN LEASE: 640

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 5750'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,008' GL

22. APPROX. DATE WORK WILL START*: June 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator intends to drill this well in accordance with the atached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

RECEIVED
JUN 25 1996
DIV. OF OIL, GAS & MINING

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY; Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Bobbie Schuman — Bobbie Schuman — TITLE Regulatory and Environmental Specialist — DATE April 17, 1996

(This space for Federal or State office use)

PERMIT NO. 43-013-31682 — APPROVAL DATE

APPROVED BY — TITLE Petroleum Engineer — DATE 7/10/96

CONDITIONS OF APPROVAL, IF ANY:

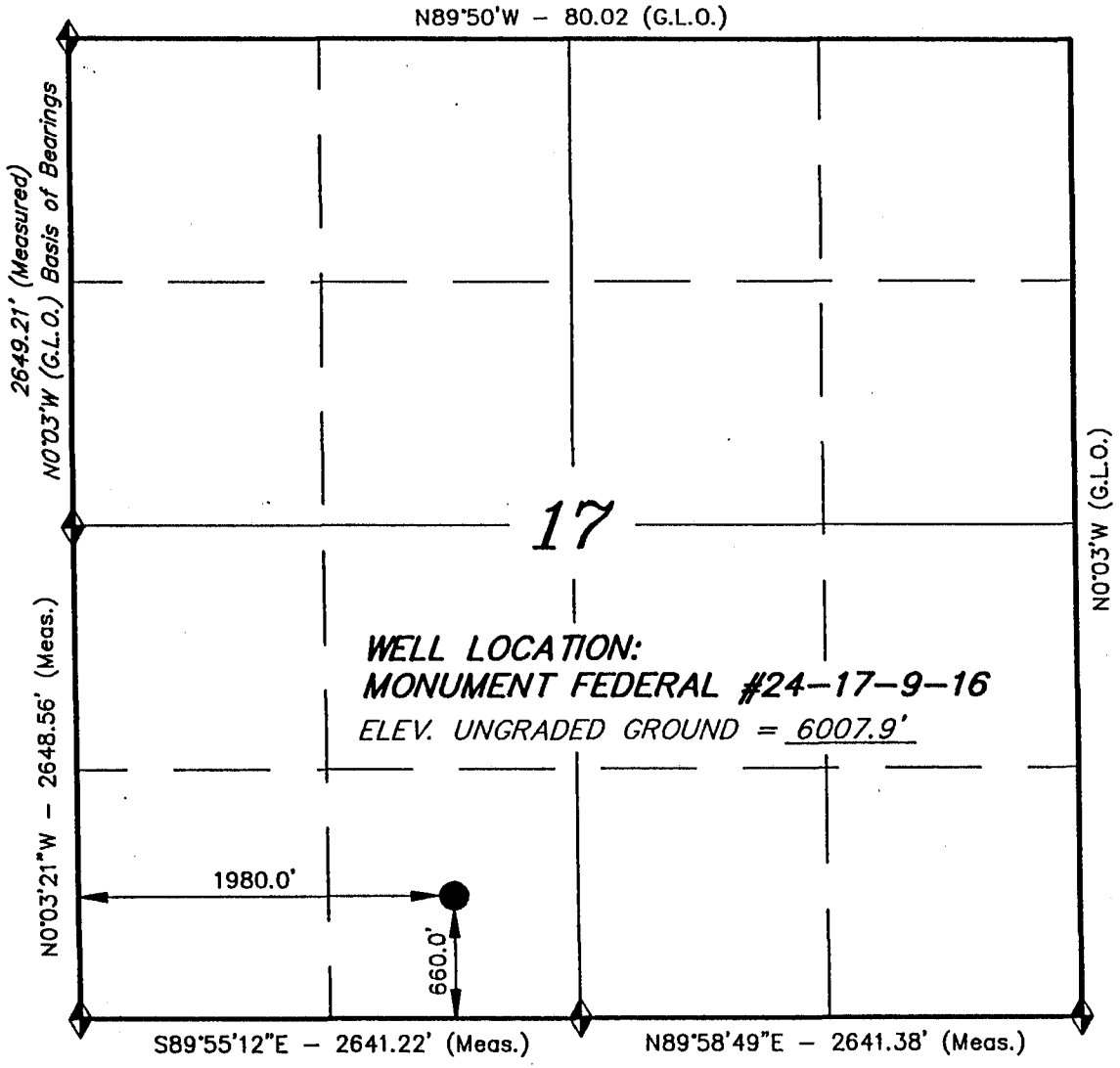
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #24-17-9-16, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 17, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: S.S.
DATE: 3-5-96	WEATHER: WINDY & COLD
NOTES:	FILE #

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

Equitable Resources Energy Company,
Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

EXHIBITS

A PROPOSED DRILLING PROGRAM

B PROPOSED SURFACE USE PROGRAM

C GEOLOGIC PROGNOSIS

D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM

E HAZMAT DECLARATION

F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)

G WELLSITE LAYOUT

H BOPE SCHEMATIC

I EXISTING ROADS (MAP C)

J PROPOSED PRODUCTION FACILITY DIAGRAM

K SURVEY PLAT

L LAYOUT/CUT & FILL DIAGRAM

6/19/95

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Monument Federal #24-17-9-16Y
SE SW Section 17, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

   See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

   See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

   a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.

   b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.

   c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.

   d. An upper kelly cock will be used during the drilling of this well.

   e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.

b. All potentially productive hydrocarbon zones will be isolated.

c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.

d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).

E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.

b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.

c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

a. The drilling operations for this well will begin as soon after APD approval as possible.

b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.

c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

a. Operator requests a variance to regulations requiring a straight run blooie line.

b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #24-17-9-16
SE SW SECTION 17, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

A. The proposed well site is staked and four reference stakes are present. 150' & 200' Northwest and 200' & 240' Northeast.

B. The Monument Federal #24-17-9-16 is located 10 miles Southwest of Myton Utah in the SE1/4 SW1/4 Section 17, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 24-17-9-16, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 6.3 miles to a road intersection, turn right and continue 8.5 miles to the proposed access road sign. Follow flags 0.3 miles to location.

C. Access roads - refer to Maps "A" and "B".

D. Access roads within a one-mile radius - refer to map "B".

E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.3 miles of new road construction will be required for access to the proposed well location.

A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

C. Maximum grade - Less than 8%

D. Turnouts - no turnouts will be required on this access road.

E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.

F. Culverts, cuts and fills - none.

G. Surface materials - all construction materials will be native material taken from onsite.

H. Gates, cattleguards or fence cuts - none required.

I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

A. Water wells - none known.
B. Abandoned wells - see Map "C"
C. Temporarily abandoned wells - none known.
D. Disposal wells - none known.
E. Drilling wells - none known.
F. Producing wells - see Map "C".
G. Shut-in wells - none known.
H. Injection wells - none known.
I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

1. Tank batteries - see Map "C".
2. Production facilities - see Map "C".
3. Oil gathering lines - none.
4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.

2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.

3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.

E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.

F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the South side of location. Access will be from the West near corner #7. Corner #6 will be rounded to avoid excessive cut.

B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.

C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.

D. A diagram showing the proposed production facility layout is included in this APD.

E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.

1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.

2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.

4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

   Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.

6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

   If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

   Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

   (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River,which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, rapters, morning doves, swallows, nighthawks, hummingbirds, and chukar.

B. The surface ownership is Federal. The surface use is grazing and petroleum production.

C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.

2. There are no occupied dwellings in the immediate area

3. An archaeological report will be forwarded upon completion.

4. There are no reported restrictions or reservations noted on the oil and gas lease.

5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Home (406)248-3864

Dale Griffin, Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

6-24-96
Date

Bobbie Schuman /mm
Bobbie Schuman
Coordinator of Environmental and Regulatory Affairs
Equitable Resources Energy Co.

EQUITABLE RESOURCES ENERGY COMPANY
WESTERN REGION

C

Well Prognosis

Well Name	Monument Federal #24-17-9-16			**Control Well**	
Location	SE/SW Section 17-T9S-R16E (660 FSL, 1980 FWL)			**Operator**	Shamrock Oil an Gas
County/State	Duchesne County, Utah			**Well Name**	Castle Peak Unit #8
Field	Monument Butte	**Well Type**	Step Out	**Location**	NW/NW Sec. 20-T9S-R16E
GL (Ung)	6008	**EST. KB**	6017	**KB**	6091
		Total Depth	5750		

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	SURFACE							
GREEN RIVER	1599	4418			4493			
HORSEBENCH SS	2168	3849			3924			
2ND GARDEN GULCH	3764	2253			2268			
Y-3 (PAY)	4147	1870			1945			
YELLOW MARKER	4434	1583			1658			
DOUGLAS CREEK MKR	4577	1440			1515			
R-1 (PAY)	4626	1391			1476			
G-1L (PAY)	4854	1163			1230			
GREEN MARKER	4917	1100			1175			
G-3 (PAY)	4969	1048			1123			
G-6 (PAY)	5300	717			792			
CARBONATE MARKER	5493	524			599			
B-1 (PAY)	5518	499			574			
TD	5750							

Samples

50' FROM 1500' TO 4000'
20' FROM 4000' TO TD
5' THROUGH EXPECTED PAY
5' THROUGH DRILLING BREAKS

DST,s

DST #1 NONE
DST #2
DST #3
DST #4

Wellsite Geologist

Name:
From: To:
Address:
Phone # wk.
hm.
Fax #

Logs

DLL FROM SURF CSNG TO TD
LDT/CNL FROM 4000' TO TD

Cores

Core #1
Core #2
Core #3
Core #4

Mud Logger

Company:
From: 1500 To: TD
Type:
Logger:
Phone #
Fax #

Comments:

Report To:	1st Name: DAVE BICKERSTAFF	Phone # (406)259-7860	wk. (406)245-2261	hm.
	2nd Name: KEVEN REINSCHMIDT	Phone # (406)259-7860	wk. (406)248-7026	hm.
Prepared By:	DAVE BICKERSTAFF	Phone #	wk.	hm.

EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

DRILLING PROGRAM

WELL NAME: Monument Federal #24-17-9-16 **DATE:** 5-21-96
PROSPECT/FIELD: Monument Butte
LOCATION: SE/SW Section 17 Twn.9S Rge.16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 5750'

HOLE SIZE	INTERVAL
12 1/4"	Surface to 260'
7 7/8"	260' to 5750'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5750'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC	Well Name: Monument Fed. 24-17
Project ID:	Location: Duchesne, Utah

Design Parameters:

Mud weight (8.90 ppg)	: 0.462	psi/ft
Shut in surface pressure	: 2604	psi
Internal gradient (burst)	: 0.009	psi/ft
Annular gradient (burst)	: 0.000	psi/ft
Tensile load is determined using air weight		
Service rating is "Sweet"		

Design Factors:

Collapse	: 1.125	
Burst	: 1.00	
8 Round	: 1.80	(J)
Buttress	: 1.60	(J)
Other	: 1.50	(J)
Body Yield	: 1.50	(B)

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,750	5.500	15.50	J-55	ST&C	5,750	4.825	

	Collapse Load (psi)	Collapse Strgth (psi)	Collapse S.F.	Burst Load (psi)	Min Int Yield Strgth (psi)	Burst S.F.	Tension Load (kips)	Tension Strgth (kips)	Tension S.F.
1	2658	4040	1.520	2658	4810	1.81	89.13	202	2.27 J

Prepared by : *McCoskery, Billings, Montana*
Date : 05-21-1996
Remarks :

Minimum segment length for the 5,750 foot well is 1,500 feet.
SICP is based on the ideal gas law, a gas gravity of 0.10, and a mean gas temperature of 115°F (Surface 74°F , BHT 154°F & temp. gradient 1.400°/100 ft.)
String type: Production
The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,658 psi, respectively.

NOTE : The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT E

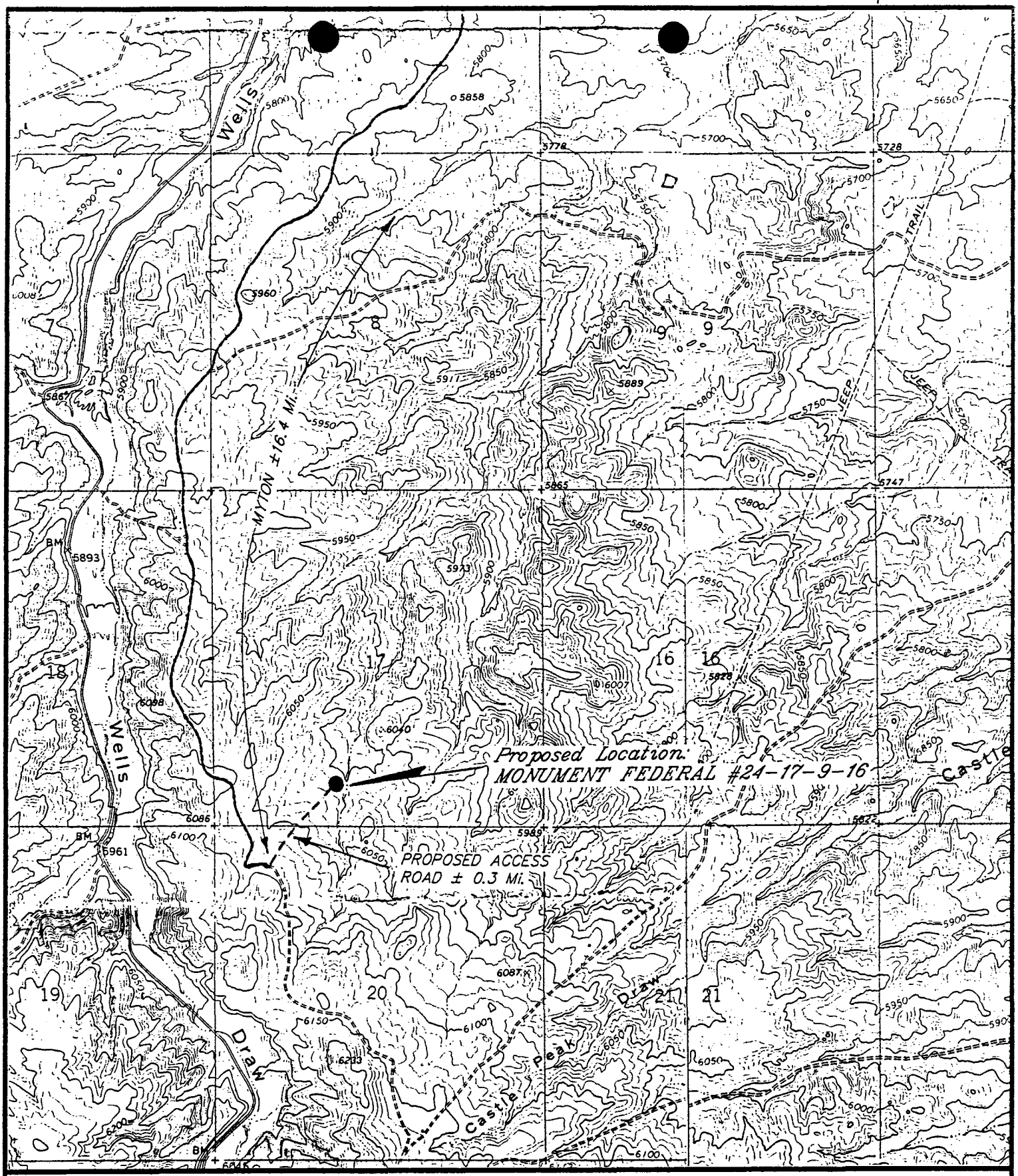
A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs

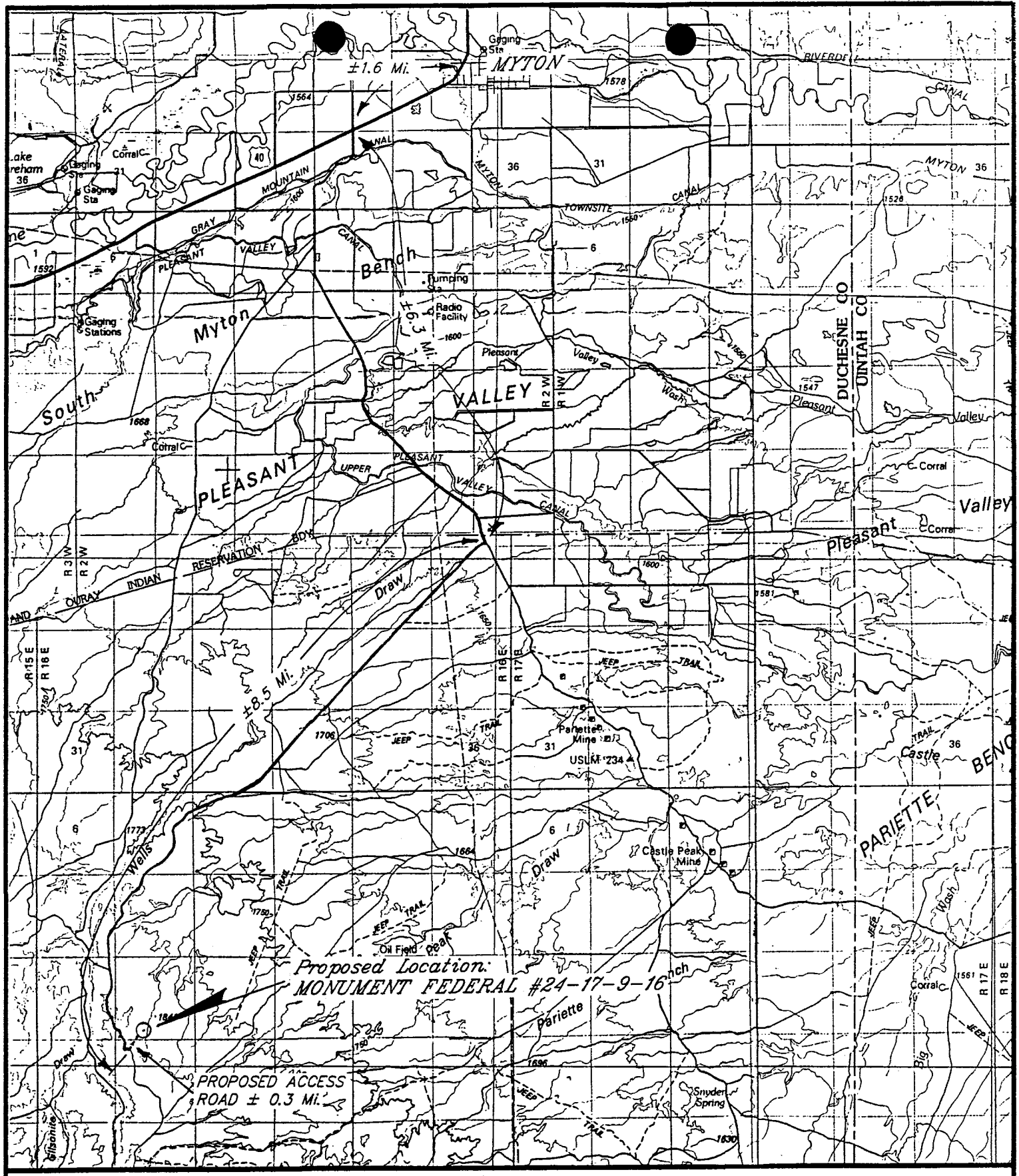


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.
TOPO "B"

N

Tri State
Land Surveying. Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.
TOPO "A"

N

SCALE: 1" = 2000'

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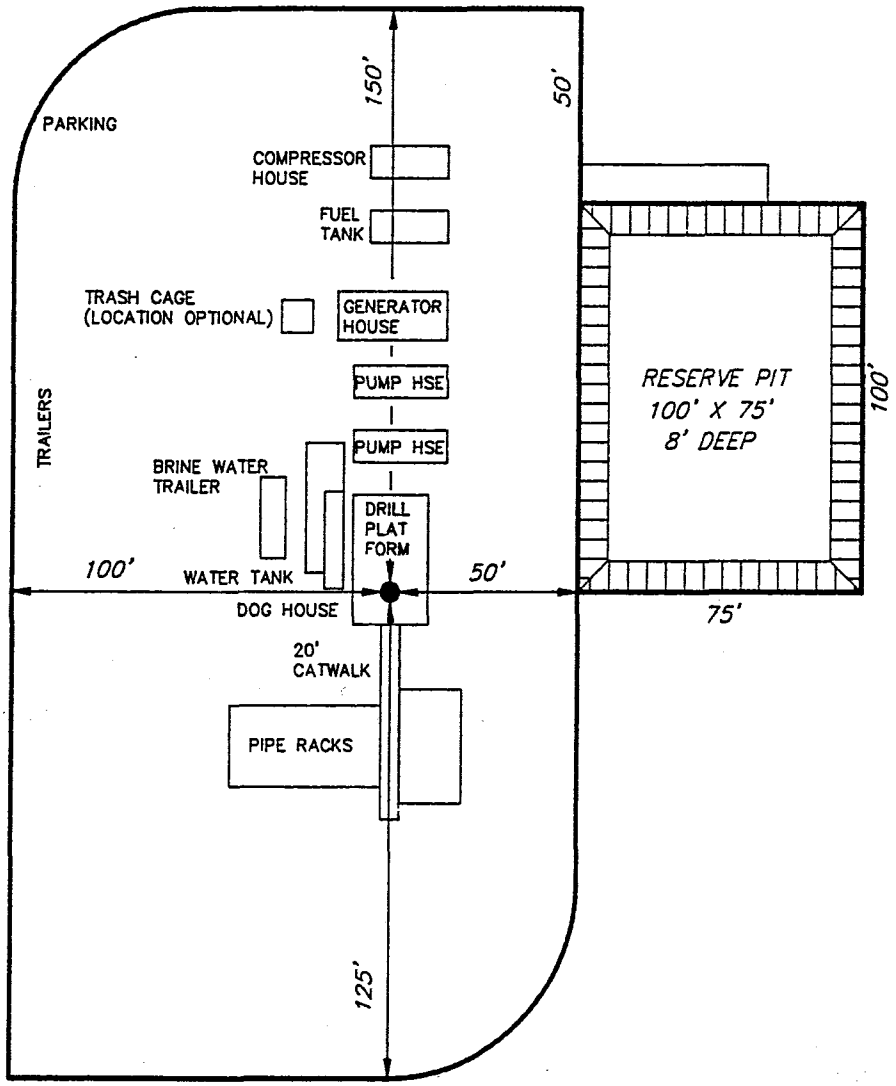
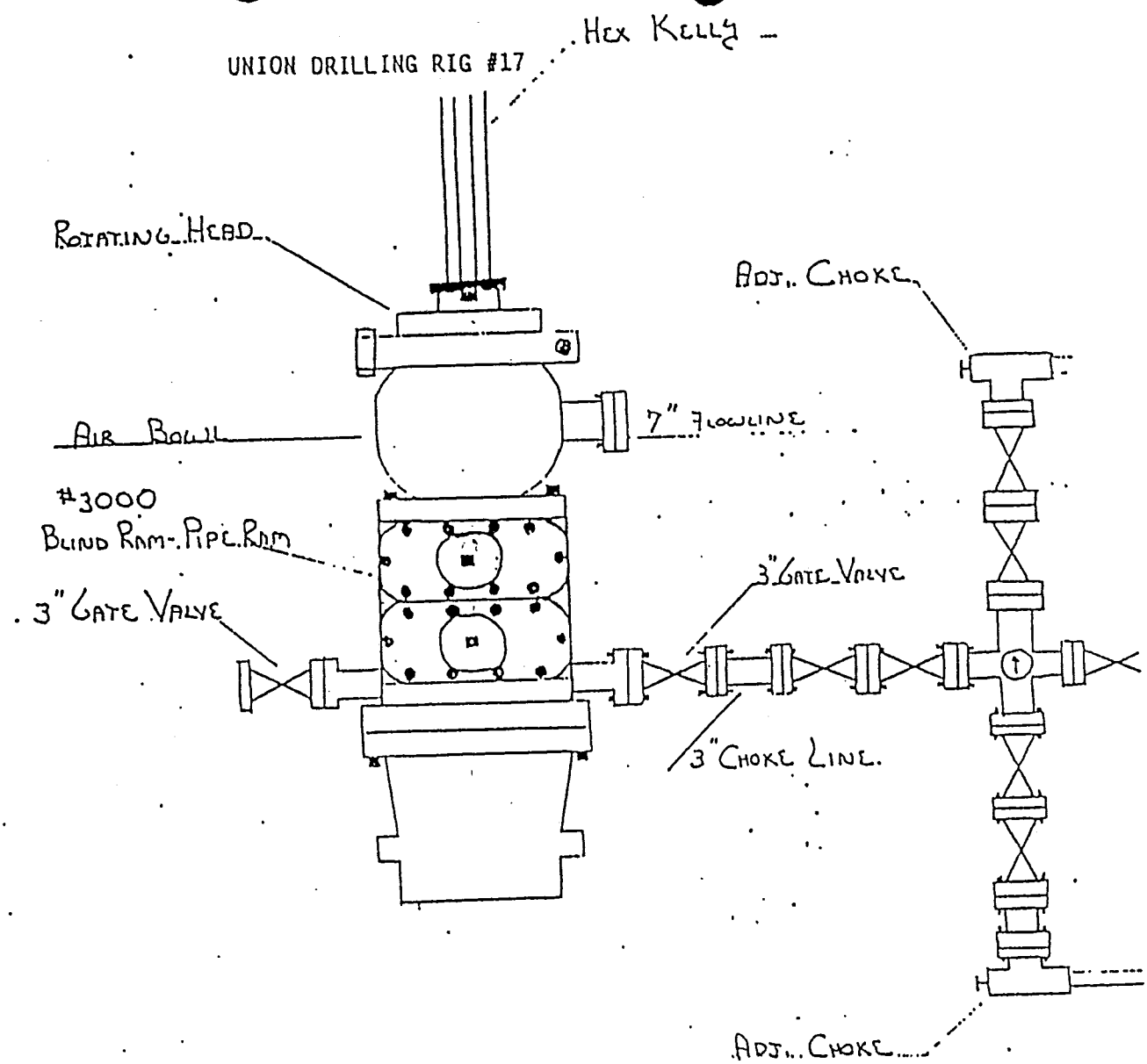
TYPICAL RIG LAYOUT

MONUMENT FEDERAL #24-17-9-16

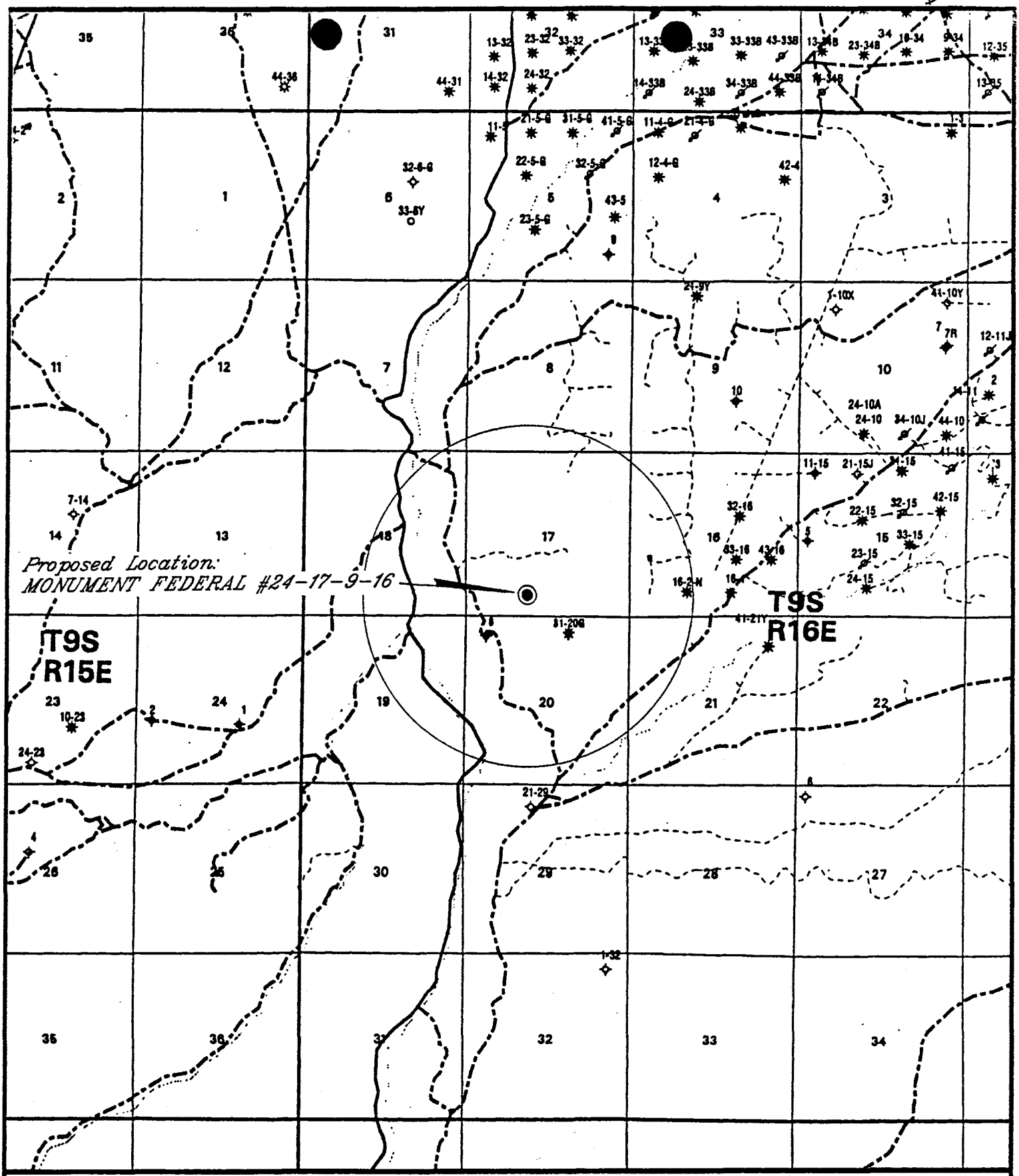


Tri State
Land Surveying. Inc.
(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

EXHIBIT "H"



#3000 Stack



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.
TOPO "C"

N

Tri State
Land Surveying. Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "J"

PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

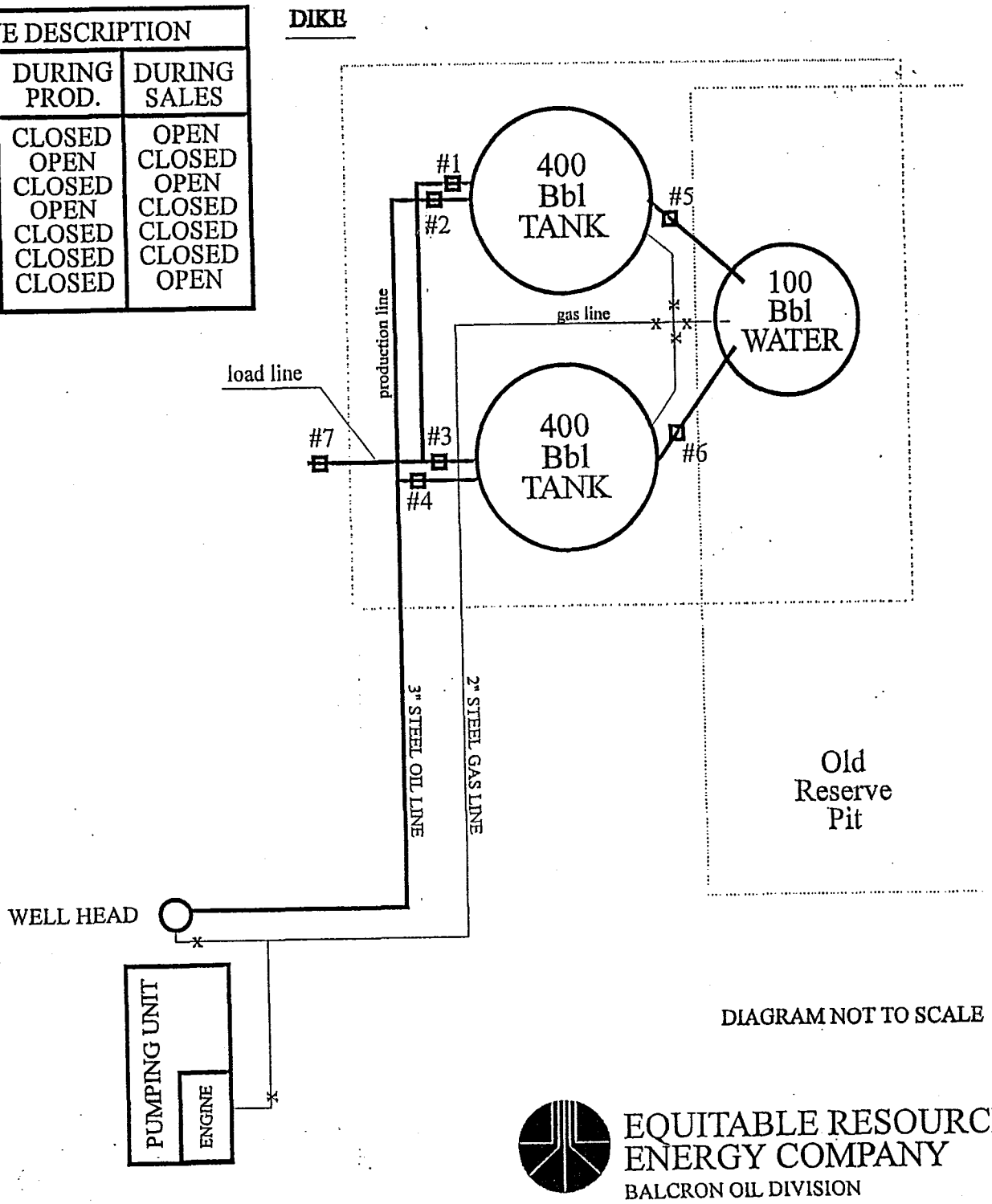
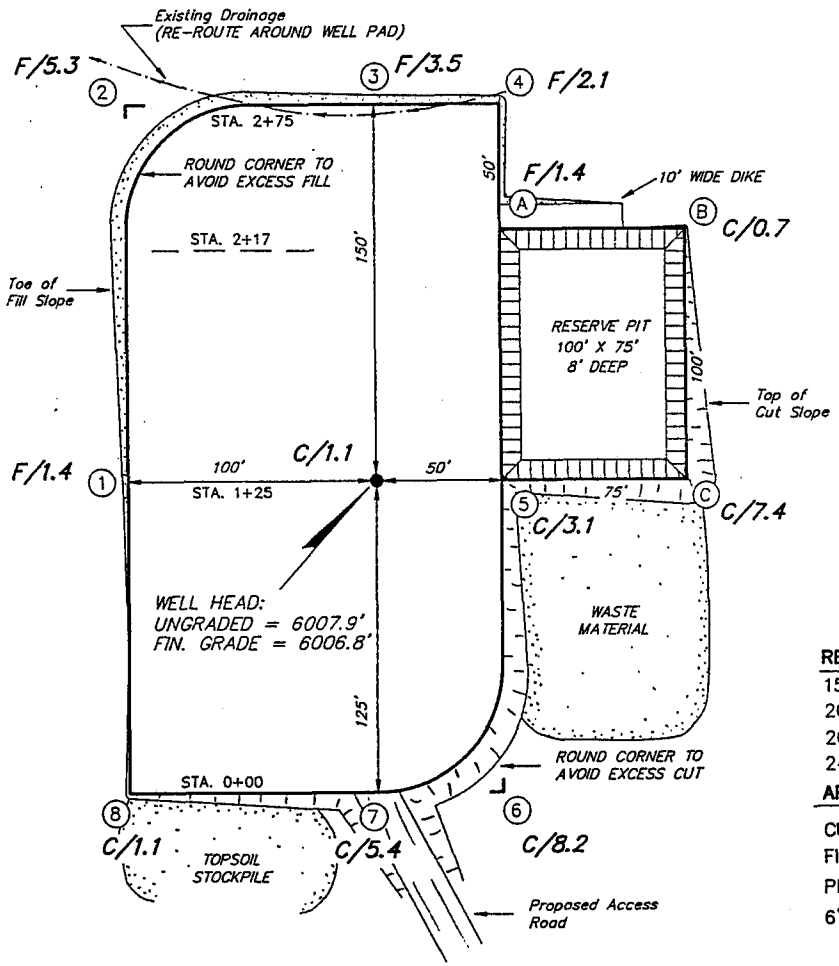


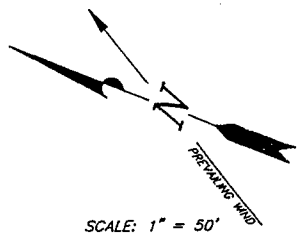
DIAGRAM NOT TO SCALE

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

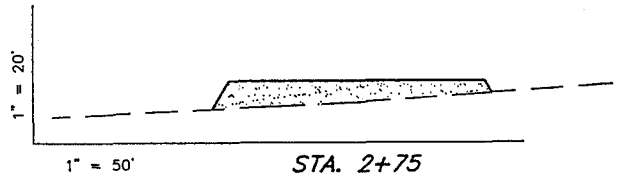
EQUITABLE RESOURCES ENERGY CO.

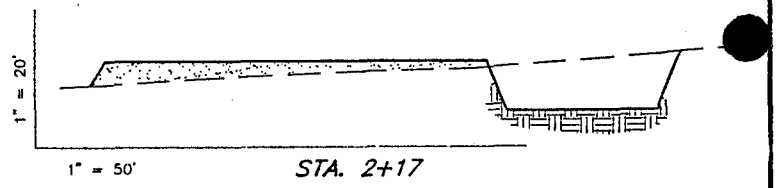
MONUMENT FEDERAL #24-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.

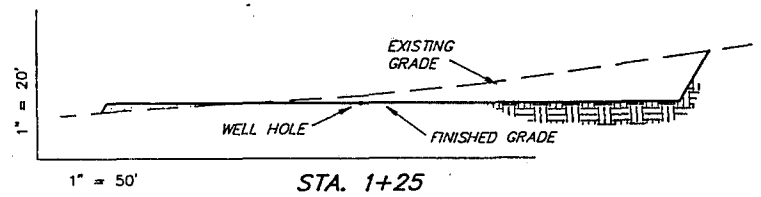


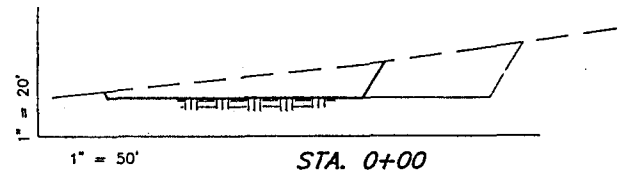


SCALE: 1" = 50'









REFERENCE POINTS

150' NORTHWEST = 6003.6'
200' NORTHWEST = 6001.8'
200' NORTHEAST = 6006.4'
240' NORTHEAST = 6012.3'

APPROXIMATE YARDAGES

CUT = 2,060 Cu. Yds.
FILL = 2,060 Cu. Yds.
PIT = 1,940 Cu. Yds.
6" TOPSOIL = 900 Cu. Yds.

SURVEYED BY: S.S. D.S.	
DRAWN BY: J.R.S.	
DATE: 3-6-96	
SCALE: 1" = 50'	
FILE:	

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

CULTURAL RESOURCE EVALUATION

OF 11 PROPOSED MONUMENT FEDERAL WELL LOCATIONS

IN THE WELLS DRAW, CASTLE PEAK DRAW,

PLEASANT VALLEY, & PARIETTE BENCH LOCALITIES

OF DUCHESNE COUNTY, UTAH

Report Prepared for **Equitable Resources Energy Company**

Dept. of Interior Permit No.: UT-96-54937
AERC Project 1527 (BLCR-96-2)

Utah State Project No.: UT-96-AF-217b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck

ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION (AERC)

181 North 200 West, Suite 5
Bountiful, Utah 84011-0853

May 10, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Equitable Resources Energy Company of 11 proposed Monument Federal well locations situated on federally administered lands in the Wells Draw, Castle Peak Draw, Pleasant Valley, and Pariette Bench localities of Duchesne County, Utah. This evaluation includes the Monument Federal Units 42-6-9-16Y, 43-6-9-16Y, 11-22-9-16Y, 12-11-9-17Y, 41-18-9-16Y, 14-22-8-17, 24-17-9-16, 44-17-9-16, 22-20-9-16, 42-20-9-16, and 31-5-9-17. This study involved a total of ca. 134.7 acres; 110 acres are associated with the ten acre parcels examined around each of the 11 well locations and 24.7 and acres are associated with the 2.07 miles of access routes associated with eight of the 11 well locations. These investigations were conducted by F.R. Hauck and by Glade Hadden on May 1 and 7, 1996; these archaeologists were assisted by James Merrell of Vernal, Utah.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed 11 well locations and associated access routes.

No newly identified historic or prehistoric cultural resource loci were identified and recorded during the inventory.

No isolated artifacts were noted during the evaluations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

TABLE OF CONTENTS

LIST OF MAPS

GENERAL INFORMATION

On May 1 and 7, 1996, AERC archaeologists F. Richard Hauck and Glade Hadden, assisted by James Merrell, conducted intensive cultural resource evaluations of 11 proposed Monument Federal well locations in the Wells Draw, Castle Peak Draw, Pleasant Valley and Pariette Bench localities of Duchesne County, Utah (see Map 1). The purpose of this report is to detail the results of these evaluations, which include the Monument Federal Units 42-6-9-16Y, 43-6-9-16Y, 11-22-9-16Y, 12-11-9-17Y, 41-18-9-16Y, 14-22-8-17, 24-17-9-16, 44-17-9-16, 22-20-9-16, 42-20-9-16, & 31-5-9-17 (see Maps 2 through 7) and access routes associated with eight of the 11 well sites. Some 134.7 acres were examined which include 110 acres associated with the 11 ten acre well pad parcels and 24.7 acres associated with the 2.07 miles of 100 foot-wide access corridor. All proposed pipelines are situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access corridors requires an archaeological evaluation in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

The project location is in the Wells Draw, Castle Peak Draw, Pleasant Valley, and Pariette Bench localities of Duchesne County, Utah. These 11 wells are situated on the Myton SW, Myton SE, and Pariette Draw SW, 7.5 minute topographic quads. The proposed Monument Federal Wells are in the following sections:

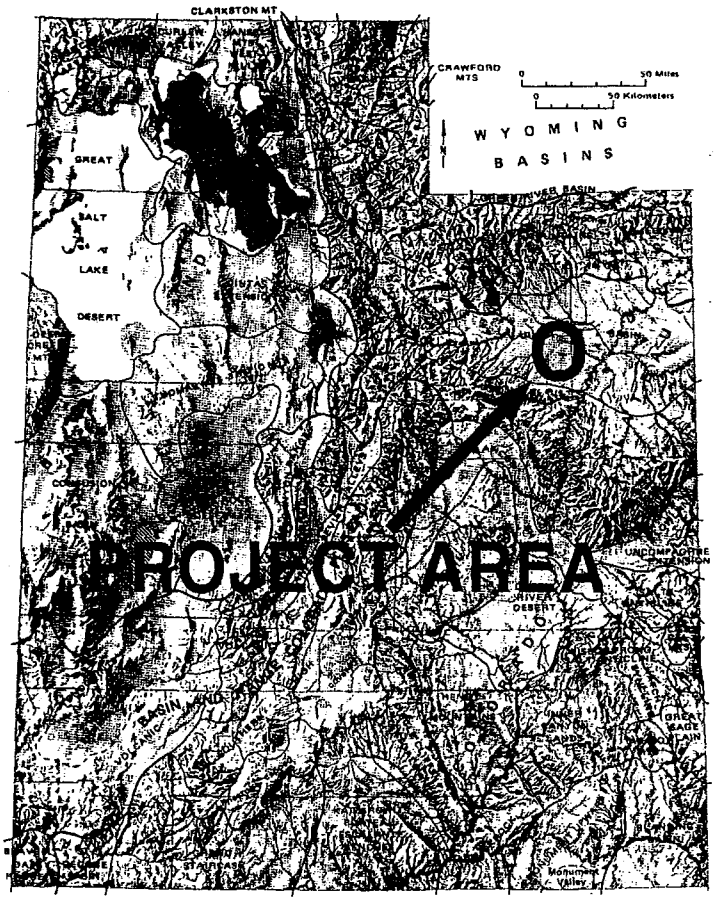
Unit 42-6-9-16Y (see Map 2) is in the southeast quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its .3 mile-long access links to an existing two-track to the south of the location;

Unit 43-6-9-16Y (see Map 2) is in the northeast quarter of the southeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M.

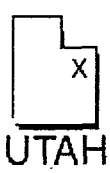
MAP 1: GENERAL PROJECT LOCALITY
IN
DUCHESNE COUNTY
UTAH

1
N

PROJECT: BLCR - 96 - 2
SCALE: see below
QUAD: see below
DATE: May 10, 1996



UTAH GEOLOGICAL AND MINERAL SURVEY
MAP 43 1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES

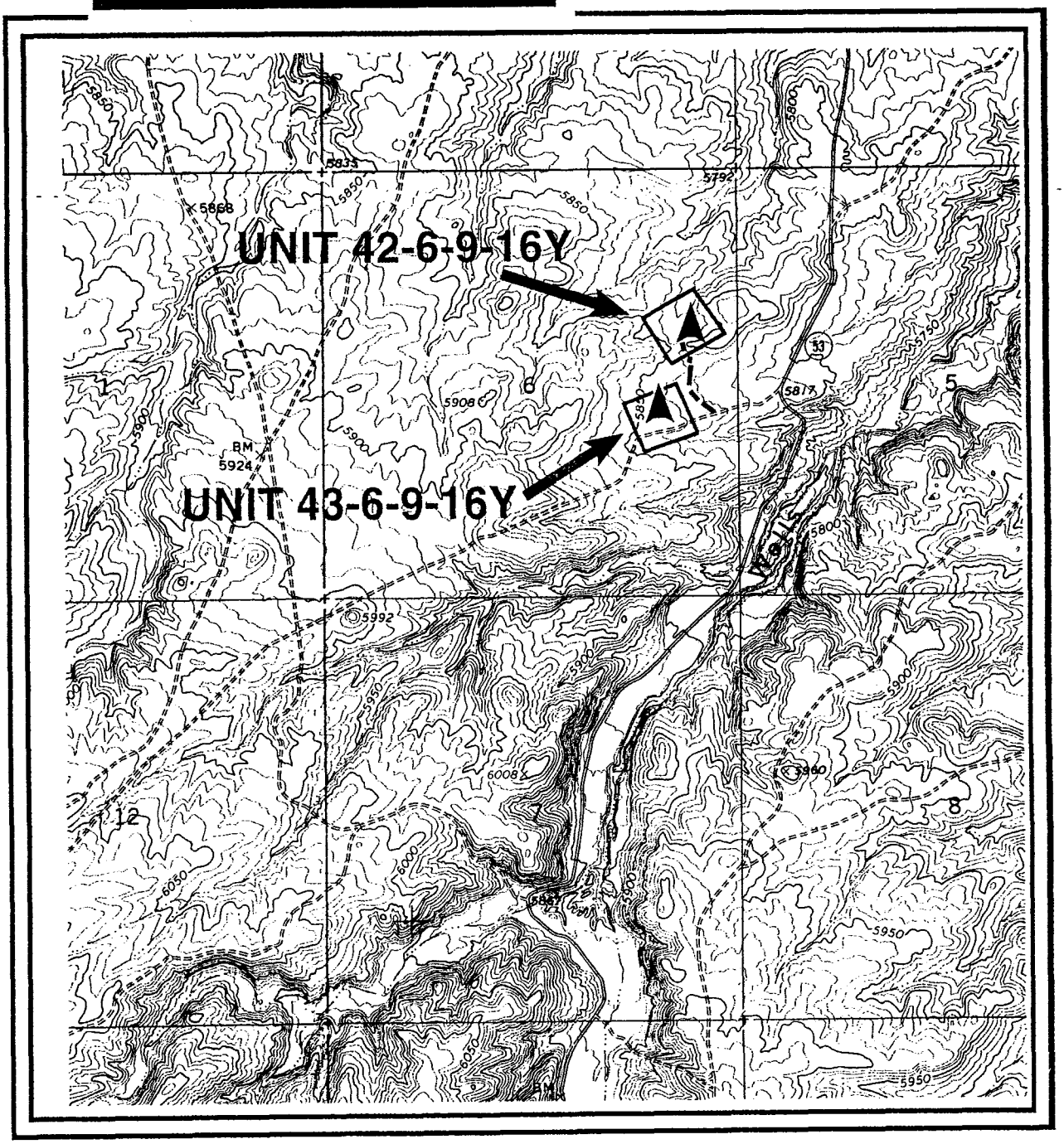


TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.

MAP 2: CULTURAL RESOURCE SURVEY OF PROPOSED WELL LOCATIONS IN THE WELLS DRAW LOCALITY OF DUCHESNE COUNTY, UTAH

N

PROJECT:	BLCR - 96- 2
SCALE:	1: 24,000
QUAD:	Myton SW, Utah
DATE:	May 10, 1996



LEGEND

Well Location ▲

Survey Area □

Access Route

Pipeline Corridor

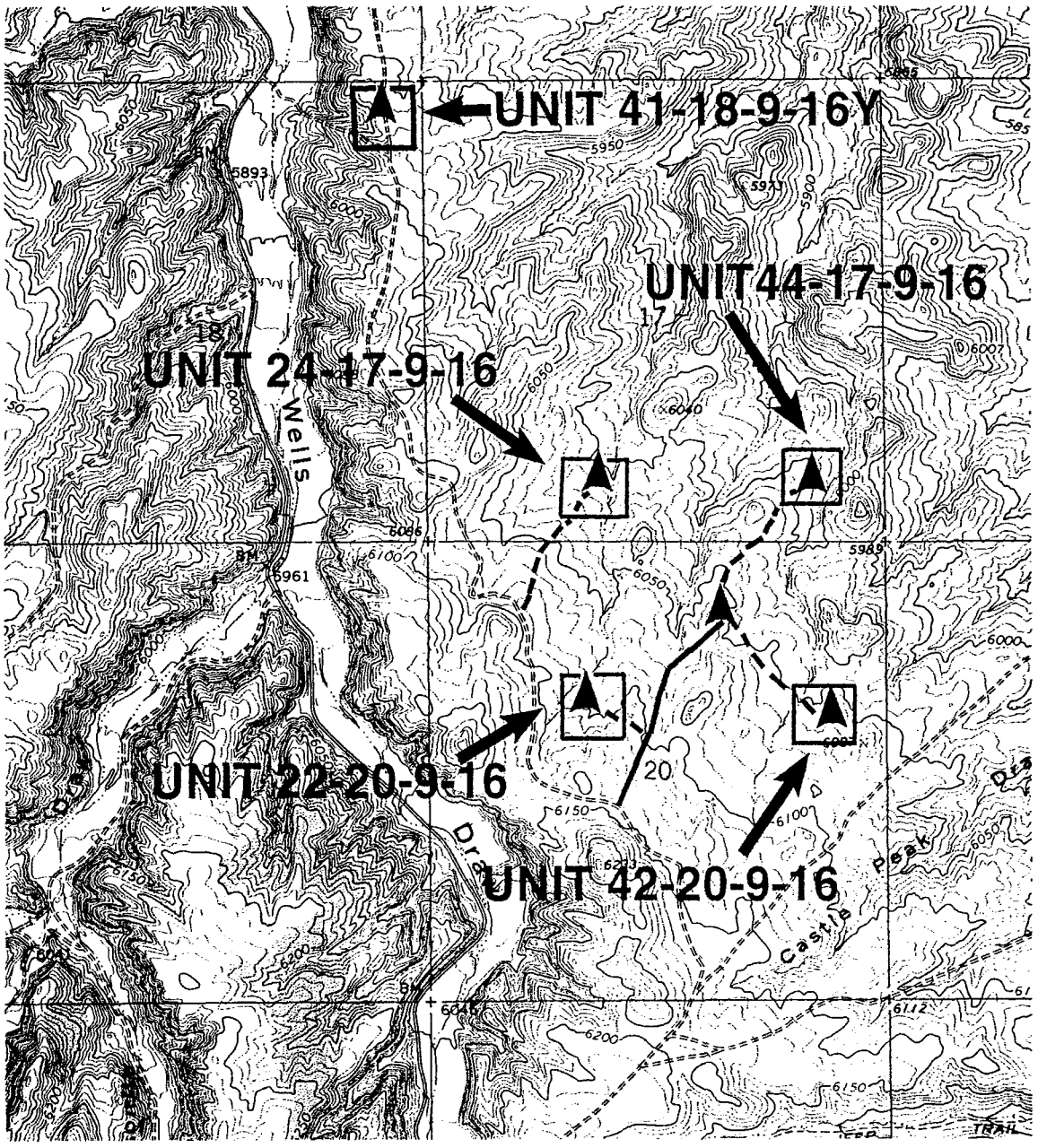
TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

UTAH

MAP 3: CULTURAL RESOURCE SURVEY OF PROPOSED WELL LOCATIONS IN THE WELLS DRAW LOCALITY OF DUCHESNE COUNTY, UTAH

N

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Myton SW, Utah
DATE: May 10, 1996



UTAH

TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location

Access Route

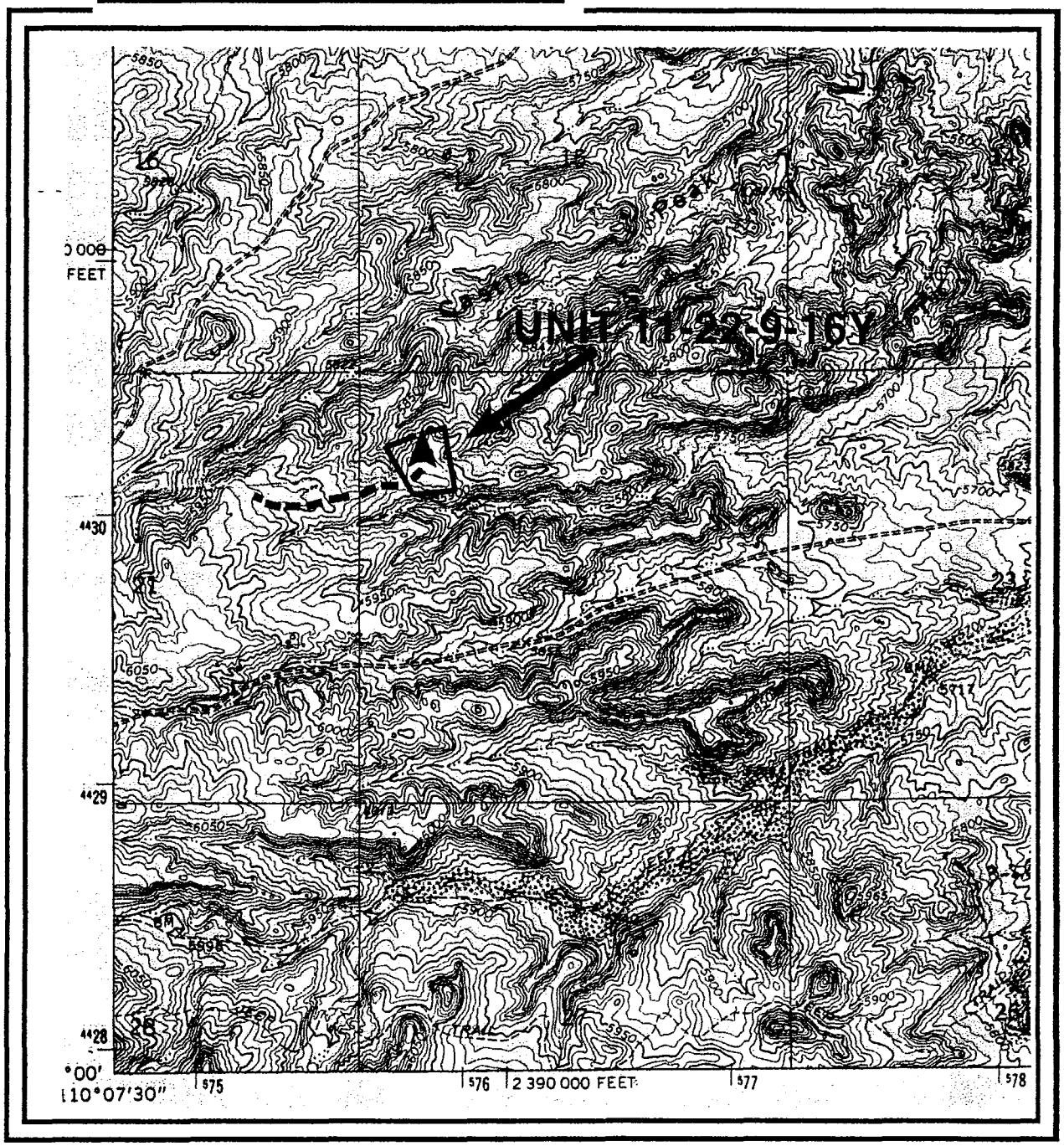
Survey Area

Pipeline Corridor

MAP 4: CULTURAL RESOURCE SURVEY OF PROPOSED WELL LOCATIONS IN CASTLE PEAK DRAW LOCALITY OF DUCHESNE COUNTY, UTAH

N

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Myton SE, Utah
DATE: May 10, 1996



UTAH

TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location ▲

Access Route

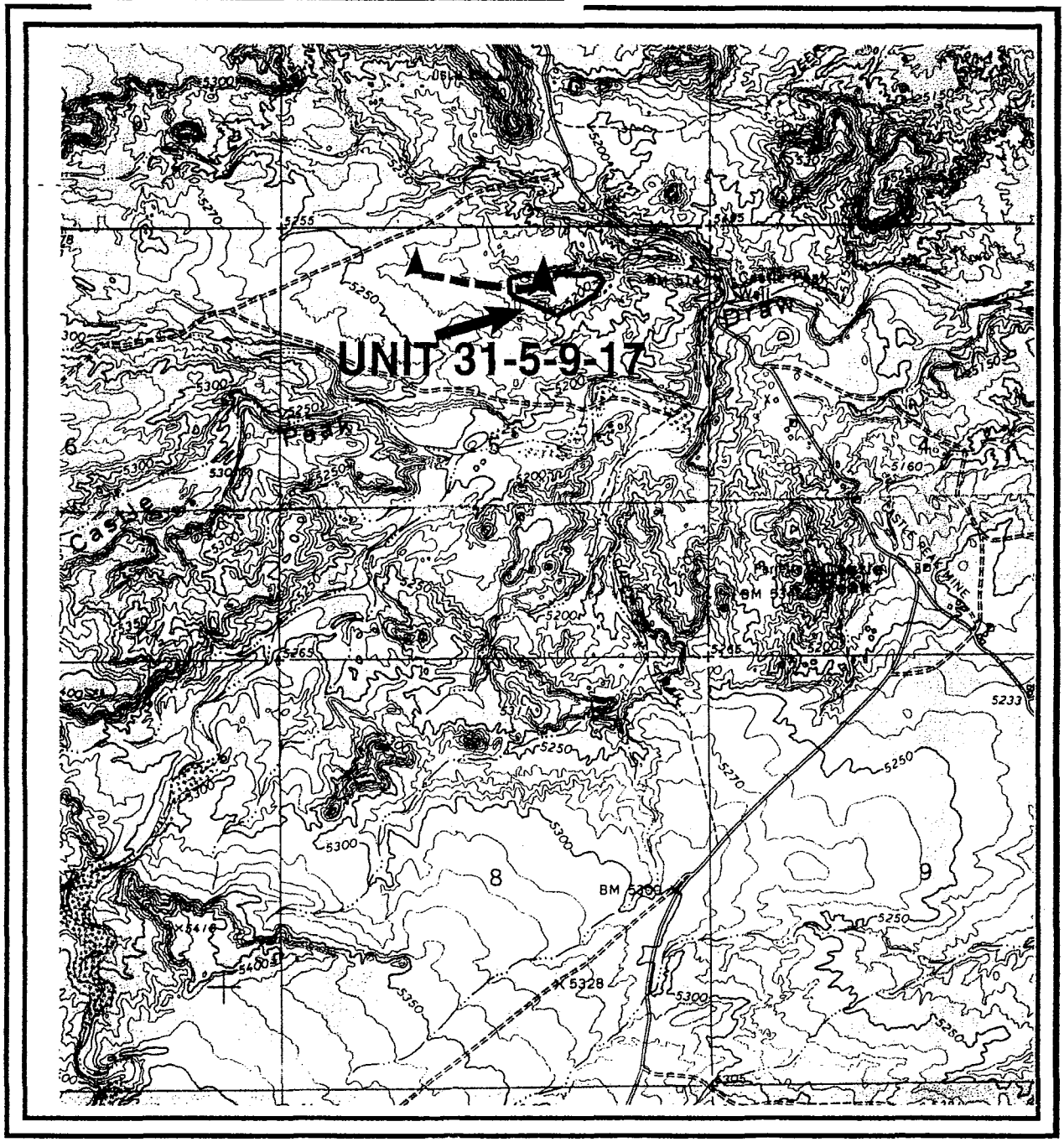
Survey Area

Pipeline Corridor

MAP 5: CULTURAL RESOURCE SURVEY OF PROPOSED WELL LOCATIONS IN CASTLE PEAK DRAW LOCALITY OF DUCHESNE COUNTY, UTAH

N

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Myton SE, Utah
DATE: May 10, 1996



UTAH

TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location ▲

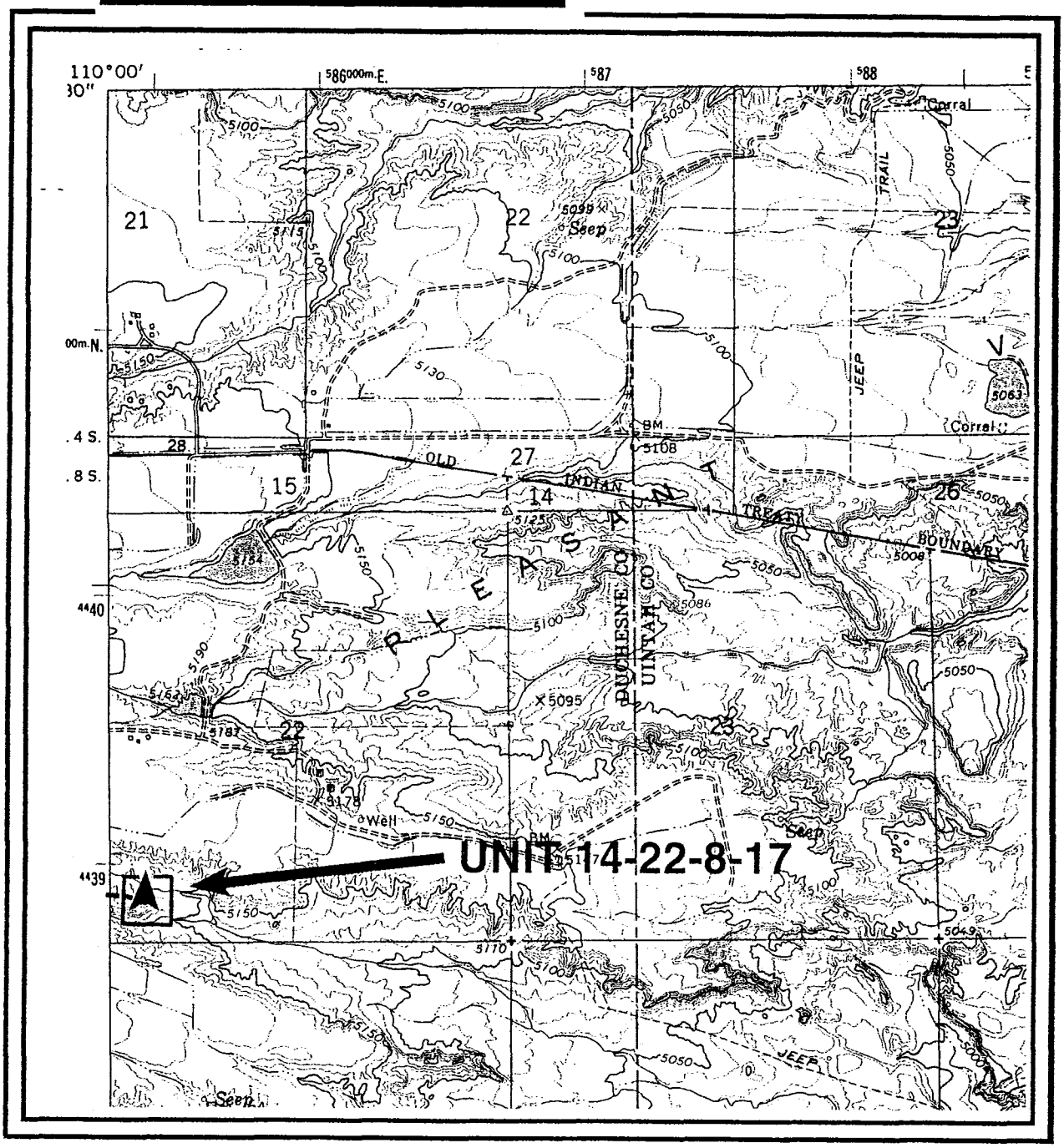
Access Route

Survey Area

Pipeline Corridor

MAP 6: CULTURAL RESOURCE SURVEY OF PROPOSED WELL LOCATIONS IN THE PLEASANT VALLEY LOCALITY OF DUCHESNE COUNTY, UTAH

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Pariette Draw SW, Utah
DATE: May 10, 1996



LEGEND

Well Location ▲

Survey Area

Access Route

Pipeline Corridor

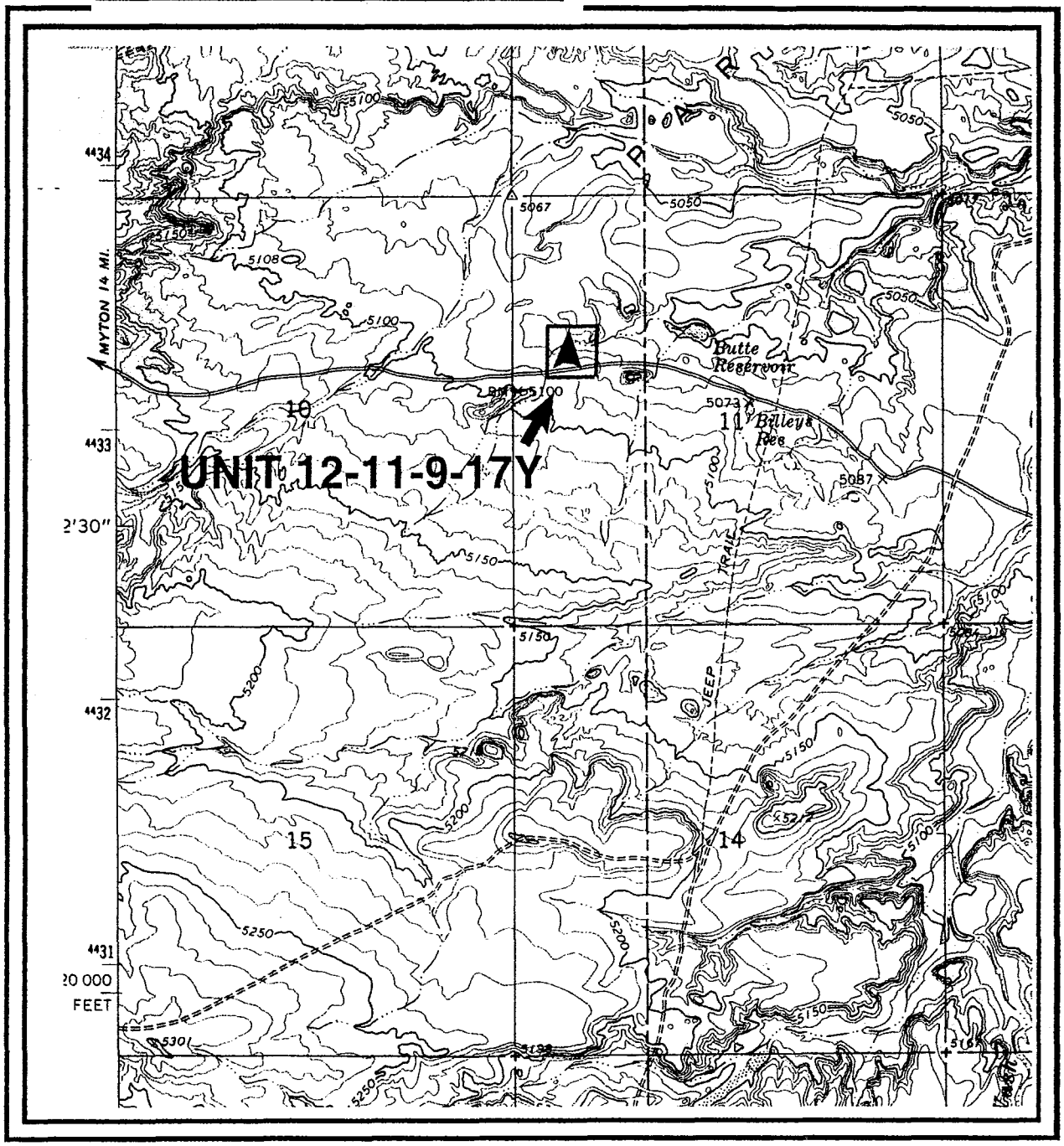
TOWNSHIP: 8 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

UTAH

MAP 7: CULTURAL RESOURCE SURVEY OF PROPOSED WELL LOCATIONS IN THE PARIETTE BENCH LOCALITY OF DUCHESNE COUNTY, UTAH

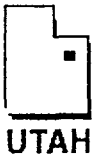
N

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Pariette Draw SW, Utah
DATE: May 10, 1996



LEGEND

Well Location ▲
Survey Area
Access Route
Pipeline Corridor



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Unit 41-18-9-16Y (see Map 3) is in the northeast quarter of the northeast quarter of Section 18, Township 9 South, Range 16 East, Salt Lake B. & M.

Unit 24-17-9-16 (see Map 3) is in the southeast quarter of the southwest quarter of Section 17, Township 9 South, Range 16 East, Salt Lake B. & M. Its .33 mile-long access route links with the county road to the southwest of the location.

Unit 44-17-9-16 (see Map 3) is in the southeast quarter of the southeast quarter of Section 17, Township 9 South, Range 16 East, Salt Lake B. & M. Its .3 mile-long access route links with an existing well location and road to the southwest of the location.

Unit 22-20-9-16 (see Map 3) is in the southeast quarter of the northwest quarter of Section 20, Township 9 South, Range 16 East, Salt Lake B. & M. Its .1 mile-long access route links with an existing road to the southeast of the location.

Unit 42-20-9-16 (see Map 3) is in the southeast quarter of the northeast quarter of Section 20, Township 9 South, Range 16 East, Salt Lake B. & M. Its .23 mile-long access route links with an existing well location to the northwest of the location.

Unit 11-22-9-16Y (see Map 4) is in the northwest quarter of the northwest quarter of Section 22, Township 9 South, Range 16 East, Salt Lake B. & M. Its .38 mile-long access route links with an existing road to the west of the location.

Unit 31-5-9-17 (see Map 5) is in the northwest quarter of the northeast quarter of Section 5, Township 9 South, Range 17 East, Salt Lake B. & M. Its .33 mile-long access route links with an existing well to the west of the location.

Unit 14-22-8-17 (see Map 6) is in the southwest quarter of the southwest quarter of Section 22, Township 8 South, Range 17 East, Salt Lake B. & M. Its .1 mile-long access route links with the county road to the west of the location after passing through a pasture on private land.

Unit 12-11-9-17Y (see Map 7) is in the southwest quarter of the northwest quarter of Section 11, Township 9 South, Range 17 East, Salt Lake B. & M.

Environmental Description

The project area is within the 5100 to 6100 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus spp. Artemisia spp., Sarcobatus vermiculatus, Ephedra viridis, Cercocarpus spp. Atriplex canescens,* and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on May 6, 1996. A similar search was conducted in the Vernal District Office of the BLM on April 24, 1996. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf., Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994, 1995).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and

Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologists walking a series of 15 to 20 meter-wide transects within the ten acre parcel associated with each well pad zone and along a 100 foot-wide corridor centered on the flagged centerline for each of the associated access routes as shown on Maps 2 through 6. Thus, ca. 134.7 acres was inventoried relative to these proposed well locations of which 110 includes the ten acre parcels and ca. 24.7 acres includes the 2.07 miles of various access corridor.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms.

In certain instances, the cultural sites are then evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). GPR was not used during this project.

Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

a. That are associated with events that have made a significant contribution to the broad patterns of our history; or

b. that are associated with the lives of persons significant in our past; or

c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or

d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations of the proposed plant site and the three pipeline complexes.

No previously recorded cultural resource loci will be adversely effected by the proposed development of these 11 well locations.

No diagnostic isolated artifacts were observed and recorded during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known cultural resources will be adversely impacted during the development and operation of the various Monument Federal Units 42-6-9-16Y, 43-6-9-16Y, 11-22-9-16Y, 12-11-9-17Y, 41-18-9-16Y, 14-22-8-17, 24-17-9-16, 44-17-9-16, 22-20-9-16, 42-20-9-16, & 31-5-9-17.

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company relative to the development of these proposed wells and associated access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the well pad zones, flagged areas, and corridors examined as referenced in this report, and to the existing roadways;

2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and

3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

1984 *A Nineteenth Century Ute Burial from Northeast Utah.* Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

Hauck, F. Richard

1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.

1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.

1984a "Excavation" (in) *A Nineteenth Century Ute Burial from Northeast Utah.* Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.

1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.

1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.

1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.

1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.

1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, cf., Bountiful.

1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.

1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.

1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

1996a Cultural Resource Evaluation of Four Proposed Well Locations and Access Routes in the Castle Peak Draw Locality -- Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8A, Archeological-Environmental Research Corporation, Bountiful.

1996b Cultural Resource Evaluation of 13 Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah and Duchesne Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8B, Archeological-Environmental Research Corporation, Bountiful.

1996c Cultural Resource Evaluation of Two Proposed Well Locations and Access Routes in the Wells Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-96-1, Archeological-Environmental Research Corporation, Bountiful.

1996d Cultural Resource Evaluation of Three Proposed Pipeline Corridor Complexes in the Castle Peak Draw - Pariette Bench Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-3, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade Hadden

1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.

1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.

1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.

1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.

1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.

1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.

1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.

1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.

1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.

1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.

1995a Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-1 & 2, Archaeological-Environmental Research Corporation, Bountiful.

1995b Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-7, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F.R. and G. Norman

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

Hauck, F.R. and Dennis Weder

1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. AERC Paper No. 42, of the Archaeological-Environmental Research Corporation, Bountiful.

Stokes, W.L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake City.

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Summary Report of
Inspection for Cultural Resources

Project
Authorization No .U.9.6.A.F.0.2.1.7.b.

Report Acceptable Yes __ No __

Mitigation Acceptable Yes __ No __
Comments:_____

WELL LOCATIONS IN THE WELLS DRAW, CASTLE PEAK DRAW, PLEASANT VALLEY, & PARIETTE BENCH LOCALITY IN DUCHESNE CO.

1. Report Title . . . . . .
Equitable Resources Energy Company

2. Development Company

0 5 10 1 9 9 6

3. Report Date . . . . . .

UT-96-54937

4. Antiquities Permit No. BLCR - 96 - 2

A E R C

5. Responsible Institution . . . . . County Duchesne

6. Fieldwork
Location: TWN .0.8.S. . RNG .1.7.E. . Section.22
TWN .0.9.S. . RNG .1.6.E. . Section 06, 17, 18, 20, 22,
TWN .0.9.S. . RNG .1.7.E. . Section 05, 11

7. Resource Area .SM.

8. Description of Examination Procedures: The archeologist Glade Hadden and assistant James Merrell intensively examined the proposed well locations and associated access & access corridors by walking 10 to 15 meter-wide transects in the ten acre parcels and within the 100 foot-wide corridors on either side of the flagged center-line.

9. Linear Miles Surveyed and/or Definable Acres Surveyed and/or Legally Undefinable Acres Surveyed
2.07
13.47

10. Inventory Type . . I
R = Reconnaissance
I = Intensive
S = Statistical Sample

11. Description of Findings:
No archaeological sites were identified and recorded during this survey.

12. Number Sites Found .0. . . . .
(No sites = 0)

13. Collection: .N.
(Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 5-6-96 Vernal BLM 4-24-96

16. Conclusion/ Recommendations:
AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company for these proposed developments based on the following stipulations: (see reverse)

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas, well pads and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

---

17. Signature of Administrator & Field Supervisor

Administrator:

Field
Supervisor:

UT 8100-3 (2/85)

EQUITABLE RESOURCES CO.

BALCRON OIL

MONUMENT FEDERAL #24-17-9-16

SE/SW SECTION 17, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

MAY 8, 1996

RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. MONUMENT FEDERAL #24-17-9-16, SE/SW Section 17, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 12 miles south and 4.5 miles west of Myton, Utah, east of Wells Draw. There is a fairly long access road into the wellpad. It runs mostly over sand and sandstone. The wellpad sits in a wide flat bottom swale with two drainages meeting north of the wellpad. One drainage runs north along the east side of the wellpad. The surface of the wellpad is covered with a thin layer of sandy alluvium and sandstone fragments.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

Several of the sandstone rock fragments were found with leaf impressions on them. This material may have originated near where found or perhaps have been washed here from similar rock south of the location. Two leaf impressions were found 105 feet northwest of the center stake at 326 degrees.

Recommendations-

There is always some potential for encountering significant fossils when working in the Uinta Formation. Some potential exists for plant fossils, but they are not as critical as vertebrate fossils. However, if important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

No other recommendations are being made for paleontology at this location.

Alden H. Hamblin
Paleontologist

Date May 9, 1996

Form 8270-3 (Temporary)
(May 1994)

United States
Department of the Interior
Bureau of Land Management

Paleontological Locality Form

1. Permit #/Permittee: BLM - UT-S-95-004 ALDEN H. HAMBLIN

2. Repository/Accn.#: UTAH FIELD HOUSE OF NATURAL HISTORY

3. Locality #: 42DC245P [X] Plant [ ] Vertebrate [ ] Invertebrate [ ] Other

4. Formation (and subdivision, if known): Uinta Formation, lower Member

5. Age: Late Eocene 6. County: Duchesne

7. BLM District: VERNAL 8. Resource Area: Diamond Mt.

9. Map name: Myton SW, Utah 10. Map source: U.S.G.S. 7 1/2 min. Quad.

11. Map scale: 1:24,000 12. Map edition: 1964

13. Latitude (deg., min., sec., direction):

14. Longitude (deg., min., sec., direction):

or: UTM Grid Zone: 12 T 572965 mE 4430743 mN

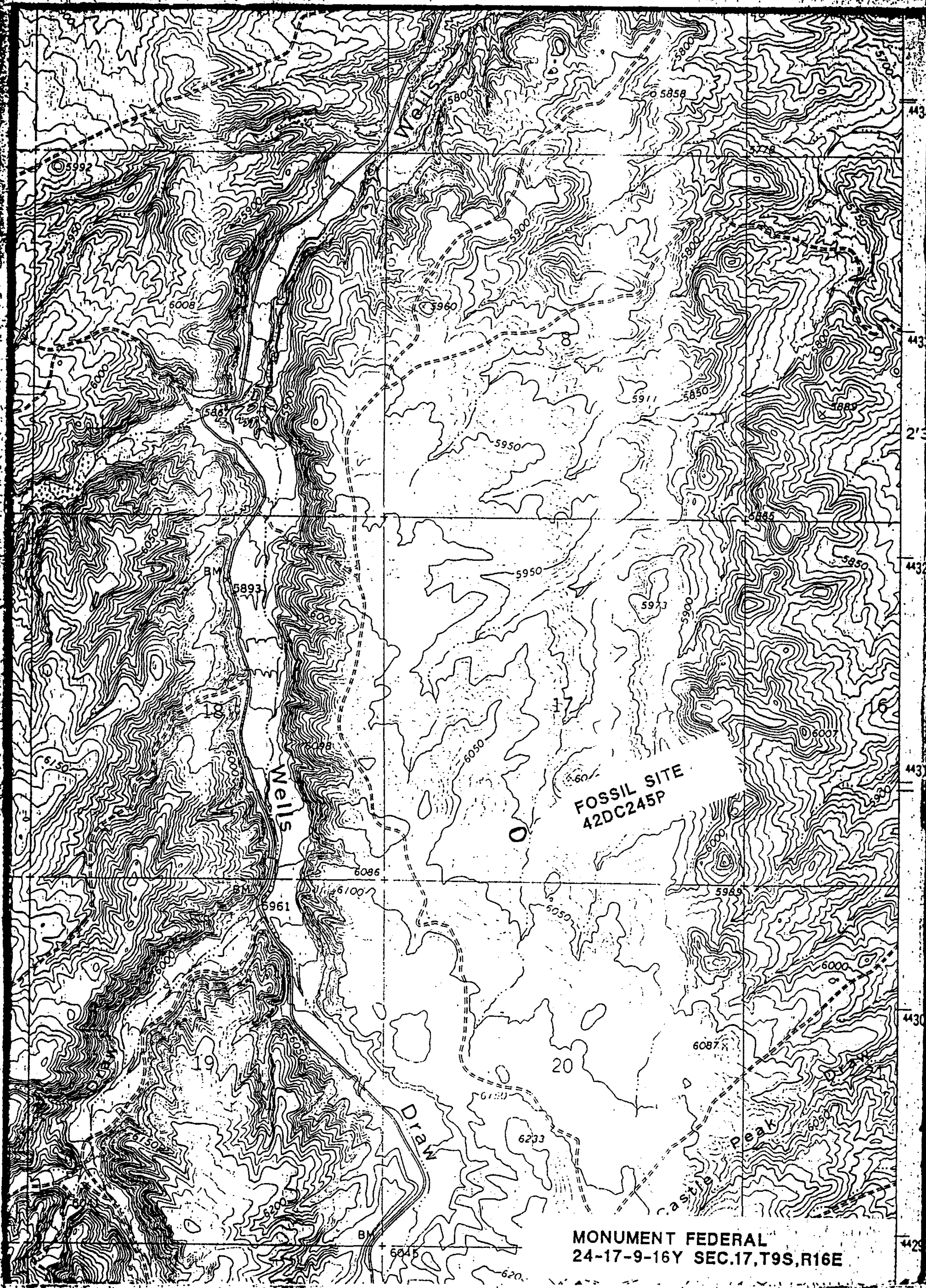
15. Survey (Section, Township & Range): SE,SW, Sec. 17, T9S, R16E, SLBM

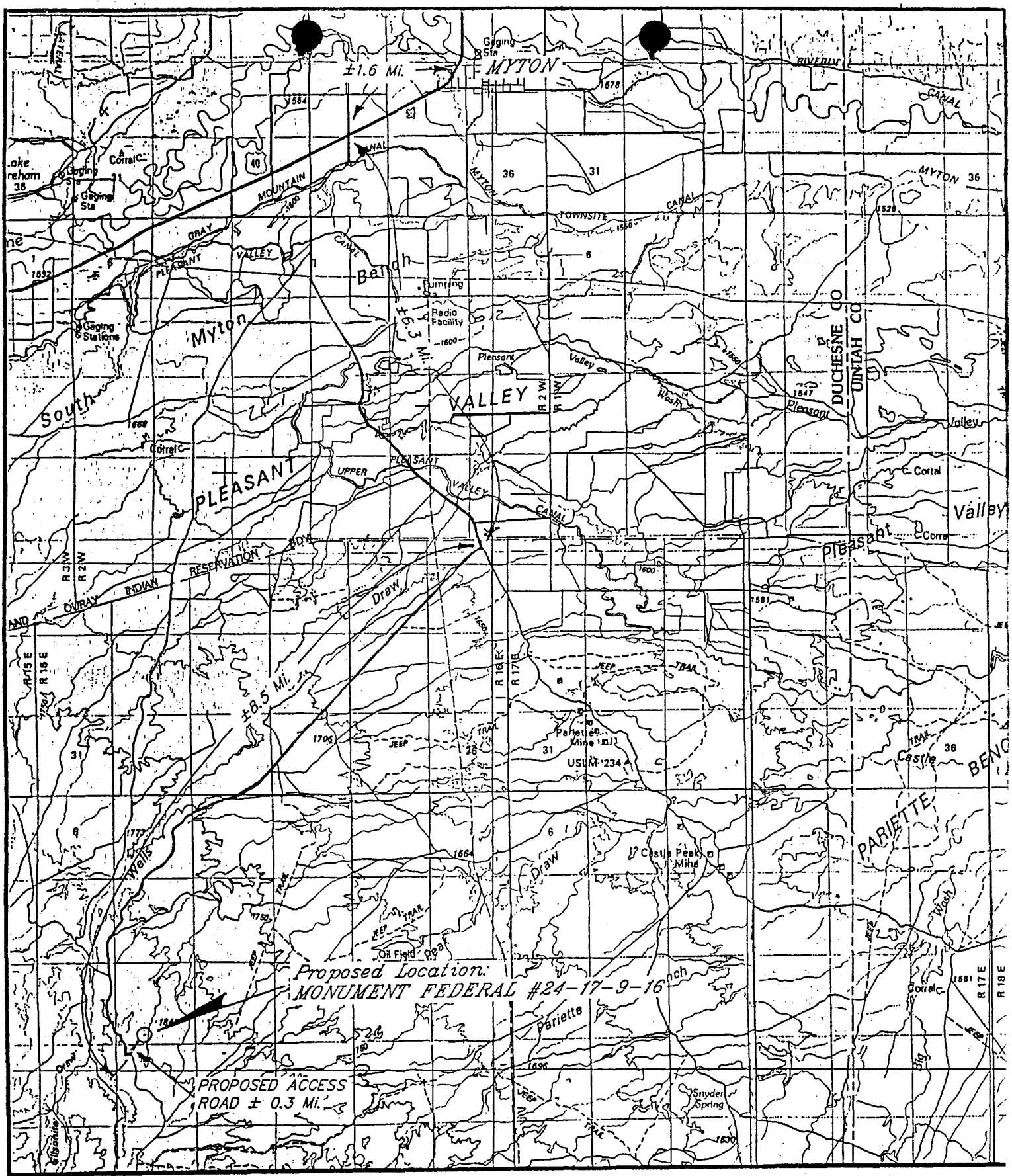
16. Taxa observed/collected: Several of the sandstone rock fragments were found with leaf impressions on them. This material may have originate near where found or perhaps have been washed here from similar rock south of the location. Two leaf impressions were found 105 feet northwest of the center stake at 326 degrees.

17. Discoverer(s)/Collector(s): Alden H. Hamblin

18. Date(s): April 25, 1996

19. Remarks: This fossil site was found during the paleontology survey of Equatable Resources Balcron Federal #24-17-9-16.


Wells
Wells
Draw
Castle Peak
Draw
FOSSIL SITE
42DC245P
MONUMENT FEDERAL
24-17-9-16Y SEC.17,T9S,R16E



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.
TOPO "A"

N

SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/25/96

API NO. ASSIGNED: 43-013-31682

WELL NAME: MONUMENT FEDERAL 24-17-9-16
OPERATOR: EQUITABLE RESOURCES CORP (N9890)

PROPOSED LOCATION:
SESW 17 - T09S - R16E
SURFACE: 0660-FSL-1980-FWL
BOTTOM: 0660-FSL-1980-FWL
DUCHESNE COUNTY
CASTLE PEAK FIELD (075)

LEASE TYPE: FED
LEASE NUMBER: U - 52018

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Federal [✓] State [] Fee []
(Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
✓ Water permit
(Number JOE SHIELDS)
N RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

___ R649-2-3. Unit: ___

✓ R649-3-2. General.

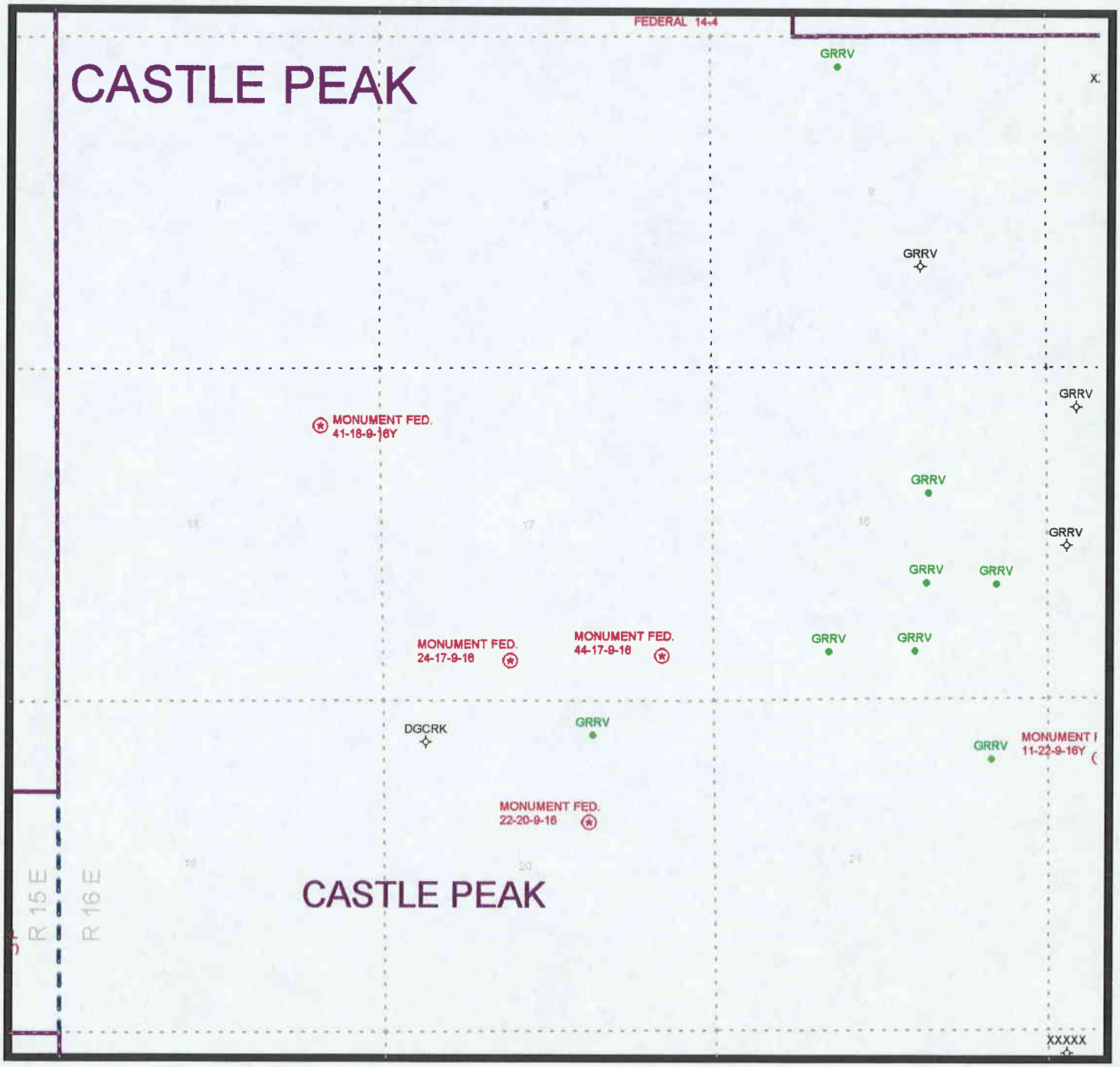
___ R649-3-3. Exception.

___ Drilling Unit.
Board Cause no: ___
Date: ___

COMMENTS: ___

STIPULATIONS: ___

EQUITABLE RESOURCES CORP
DEVELOPMENT DRILLING
SEC. 17 & 20, T9S, R16E,
DUCHESNE, COUNTY UAC R649-3-2



PREPARED:
DATE: 25-JUNE-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES CO	Well Name: MON FED 24-17-9-16
Project ID: 43-013-31682	Location: SEC. 17 - T09S - R16E

Design Parameters:

Mud weight (8.90 ppg)	: 0.462	psi/ft
Shut in surface pressure	: 2311	psi
Internal gradient (burst)	: 0.060	psi/ft
Annular gradient (burst)	: 0.000	psi/ft

Tensile load is determined using air weight

Service rating is "Sweet"

Design Factors:

Collapse	: 1.125	
Burst	: 1.00	
8 Round	: 1.80	(J)
Buttress	: 1.60	(J)
Other	: 1.50	(J)
Body Yield	: 1.50	(B)

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,750	5.500	15.50	K-55	ST&C	5,750	4.825	

	Collapse Load (psi)	Collapse Strgth (psi)	Collapse S.F.	Burst Load (psi)	Min Int Yield Strgth (psi)	Burst S.F.	Tension Load (kips)	Tension Strgth (kips)	Tension S.F.
1	2658	4040	1.520	2658	4810	1.81	89.13	222	2.49 J

Prepared by : MATTHEWS, Salt Lake City, Utah
Date : 07-10-1996
Remarks :

Minimum segment length for the 5,750 foot well is 1,500 feet.

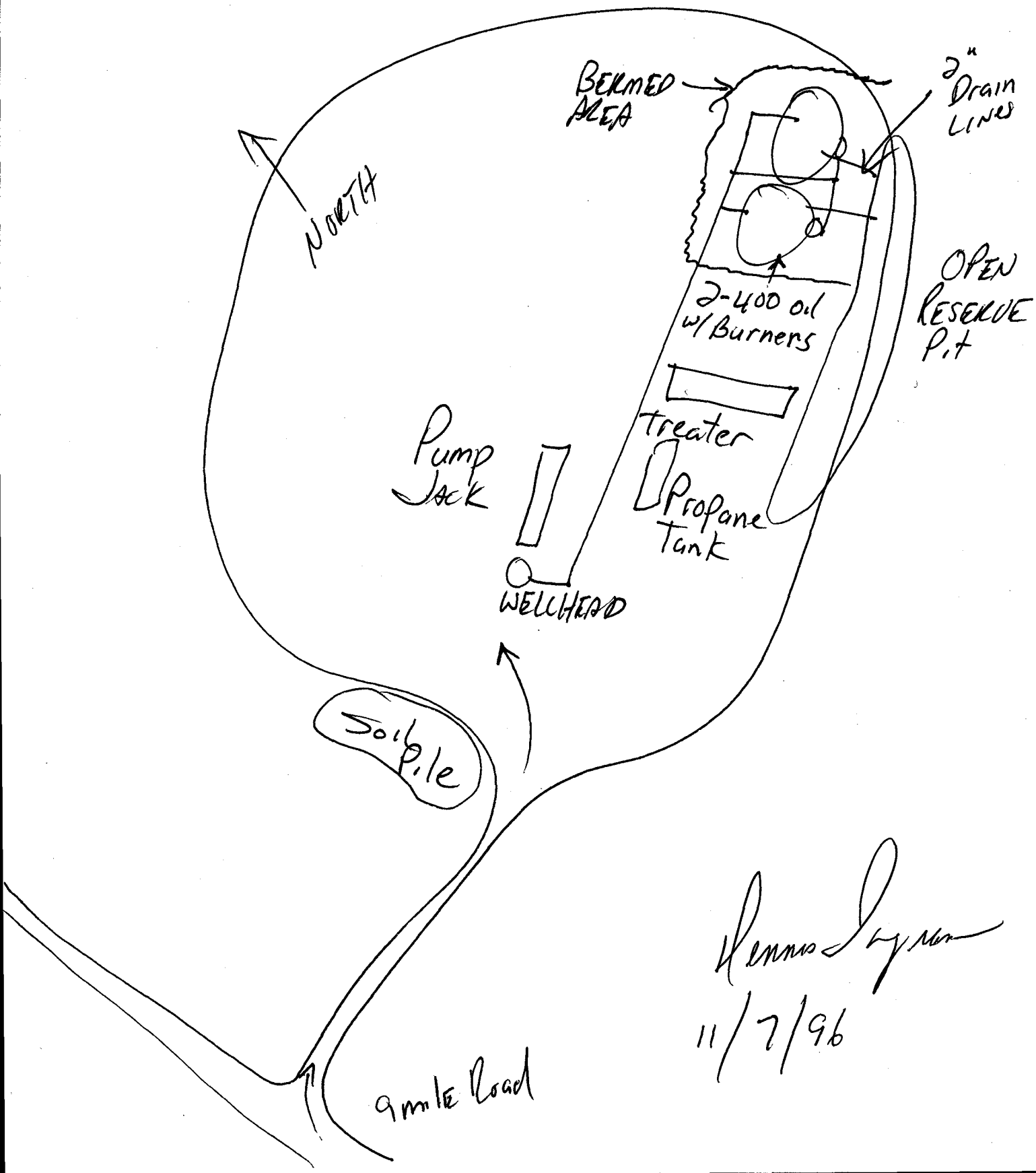
SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 115°F (Surface 74°F , BHT 154°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,658 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
Costs for this design are based on a 1987 pricing model. (Version 1.07)

EQUITABLE RESOURCES ENERGY
MONUMENT FEDERAL #24-17-9-16E
SEC 17; T 9S; R 16E U-52018
POW 43-013-31682



11/7/96

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 10, 1996

Equitable Resources Energy Co.
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 24-17-9-16 Well, 660' FSL, 1980' FWL, SE SW, Sec. 17, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31682.

Sincerely,

R. J. Firth
Associate Director

lwp
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Equitable Resources Energy

Well Name & Number: Monument Federal 24-17-9-16

API Number: 43-013-31682

Lease: U-52018

Location: SE SW Sec. 17 T. 9 S. R. 16 E.

Conditions of Approval

1. General
   Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements
   Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

   Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements
   All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
JUL 11 1996
DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

7. UNIT AGREEMENT NAME: n/a

8. FARM OR LEASE NAME: Monument Federal

9. WELL NO.: #24-17-9-16

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 17, T9S, R16E

12. COUNTY OR PARISH: Duchesne

13. STATE: UTAH

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Equitable Resources Energy Company

3. ADDRESS OF OPERATOR: 1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: SE SW Section 17, T9S, R16E
At proposed prod. zone:

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: From Myton, UT approximately 10 mi SW

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 640

16. NO. OF ACRES IN LEASE: 640

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 5750'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,008' GL

22. APPROX. DATE WORK WILL START*: June 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

RECEIVED
JUN 26 1996

Operator intends to drill this well in accordance with the atached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY; Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Bobbie Schuman (Bobbie Schuman) TITLE Regulatory and Environmental Specialist DATE April 17, 1996

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE Assistant Field Manager Mineral Resources DATE JUL 09 1996

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED NOTICE OF APPROVAL

*See Instructions On Reverse Side

UT080-6M1-160

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 24-17-9-16

API Number: 43-013-31682

Lease Number: U - 52018

Location: SESW Sec. 17 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

Location Construction	-	at least forty-eight (48) hours prior to construction of location and access roads.
Location Completion	-	prior to moving on the drilling rig.
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	at least twenty-four (24) hours prior to initiating pressure tests.
First Production Notice	-	within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 2,3231 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5 .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 2123 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

Other Additional Information:

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered lands it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or hazardous chemicals.

The following additional condition applies:

A high quality muffler shall be used on the engine powering the well. This will limit the noise originating at the well site.

DIVISION OF OIL, GAS AND MINING CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 24-17-9-16

Api No. 43-013-31682

Section 17 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig #: 17

SPUDDED:

Date: 7/18/96

Time:

How: ROTARY

Drilling will commence:

Reported by: D. INGRAM-DOGM

Telephone #:

Date: 7/20/96 Signed: FRM

EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

September 9, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #24-17-9-16
SE SW Section 17, T9S, R16E
Duchesne County, Utah
API #43-013-31682

This letter is notice that the subject well was spud on 7-19-96 and first production on this well was on 8-30-96.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad

Molly Conrad
Operations Secretary

/mc

cc: State of Utah, Division of Oil, Gas, & Mining

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company

OPERATOR ACCT. NO. N 9890

ADDRESS 1601 Lewis Avenue
Billings, MT 59102

(406) 259-7860

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	11994	43-013-31682	Monument Fed. #24-17-9-16	SE SW	17	9S	16E	Duchesne	7-19-96	7-19-96
WELL 1 COMMENTS: Spud of a new well.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED
SEP 11 1996
DIV. OF OIL, GAS & MINING

Molly Conrad
Signature

Operations SEcretary
Title

9-9-96
Date

Phone No. ( )

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-52018

6. If Indian, Allottee or Tribe Name: n/a

7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Monument Federal

2. Name of Operator: Equitable Resources Energy Company

9. API Well No.: 43-013-31682

3. Address and Telephone No.: 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Exploratory Area: Monument Butte/Grn. River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SE SW Section 17, T9S, R16E 660'FSL & 1980'FWL

11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Onshore Order #7	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

RECEIVED
OCT 10 1996
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Molly Conrad Title Operations Secretary Date 10-7-96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 10 1996
DIV. OF OIL, GAS & MINING

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

CONFIDENTIAL

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

5. LEASE DESIGNATION AND SERIAL NO.: U-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a

7. UNIT AGREEMENT NAME: n/a

8. FARM OR LEASE NAME: Monument Federal

9. WELL NO.: 24-17-9-16

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

2. NAME OF OPERATOR: Equitable Resource Energy Company

3. ADDRESS OF OPERATOR: 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: SE SW Section 17, T9S, R16E 660' FSL & 1980' FWL
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 17, T9S, R16E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31682	7-10-96	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-18-96	7-25-96	8-30-96	6008' GL	n/a

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5750'	5679'	n/a	→	SFC-TD	n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 4664' - 5234' Green River

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL/GR LDT/CNL DLL/GR MUD LOG 7-26-96

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	278.95'KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5726.51'KB	7-7/8"	150 sxs Super "G"+310 sxs 50/50 POZ w/additives	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5322.69' KB	n/a

31. PERFORATION RECORD (Interval, size and number)
4664'-69' (4 SPF)
4845'-50' (8 holes)
4950'-55' (6 holes)
5200'-06' (4 SPF)
5209'-12' (4 SPF)
5216'-20' (4 SPF)
5222'-26' (4 SPF)
5229'-34' (4 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Please see attachment.	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8-30-96	1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-28-96	24	n/a		20	N.M.	5	N.M.

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		20	N.M.	5	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Used for fuel.

TEST WITNESSED BY: Dale Griffin

35. LIST OF ATTACHMENTS: Section 32.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Secretary DATE 10-7-96

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's run./

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1574'	1574'
Horsebench SS	2152'	2152'
2nd Garden Gulch	3797'	3797'
Yellow Marker	4415'	4415'
Douglas Creek	4555'	4555'
2nd Douglas Crk.	4784'	4784'
Green Marker	4905'	4905'
Black Shale Mkr.	5387'	5387'
Carbonate Mkr.	5464'	5464'

Attachment to Completion Report
Monument Federal #24-17-9-16
SE SW Section 17, T9S, R16E
Duchesne County, Utah

Depth Interval	Amount and Kind of Material Used
4664' - 4669'	Break down with 1,638 gallons 2% KCL water. Fracture with 21,800# 16/30 mesh sand and 11,088 gallons 2% KCL gelled water.
4845' - 4850'	Break down with 1,470 gallons 2% KCL water.
4950' - 4955'	Break down with 2,058 gallons 2% KCL water.
4845' - 4955'	Fracture with 44,700# 16/30 mesh sand and 16,632 gallons 2% KCL gelled water.
5200' - 5234'	Break down with 3,780 gallons 2% KCL water. Fracture with 29,908# 20/40 mesh sand and 67,270# 16/30 mesh sand with 29,526 gallons 2% KCL gelled water.

10-3-96/mc

FORM 7

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
OCT 10 1996
DIV. OF OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #24-17-9-16

   API number: # 43-013-31682

2. Well Location: QQ _____ Section 17 Township 9 Range 16 County Duchesne

3. Well operator: EREC Western Region

   Address: 1601 Lewis Avenue

   Billings, MT 59102 Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

   Address: Drawer 40

   Buckhannon, West VA 26201 Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water during drilling operations.	

6. Formation tops: See Completion

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge. Date: 10-7-96.

Name & Signature: Molly Conrad Title: Operations Secretary

(7/93)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-52018
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: n/a

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Equitable Resources Energy Company
3. Address and Telephone No.: 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SE SW Section 17, T9S, R16E 792' FSL & 1939' FWL

8. Well Name and No.: Monument Fed. #24-17-9-16
9. API Well No.: 43-013-31682
10. Field and Pool, or Exploratory Area: Monument Butte/Green River
11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Site Security Diagram	[ ] Dispose Water

(Note: Report results of multiple completion on W
Completion or Recompletion Report and Log for

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally dr
give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.

CONFIDENTIAL

RECEIVED
OCT 21 1996
DIV. OF OIL, GAS & MINING

Original: Bureau of Land Management, Vernal UT
Copy: State of Utah, Division of Oil, Gas, & Mining

14. I hereby certify that the foregoing is true and correct
Signed Molly Conrad Title Operations Secretary Date 10-16-96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

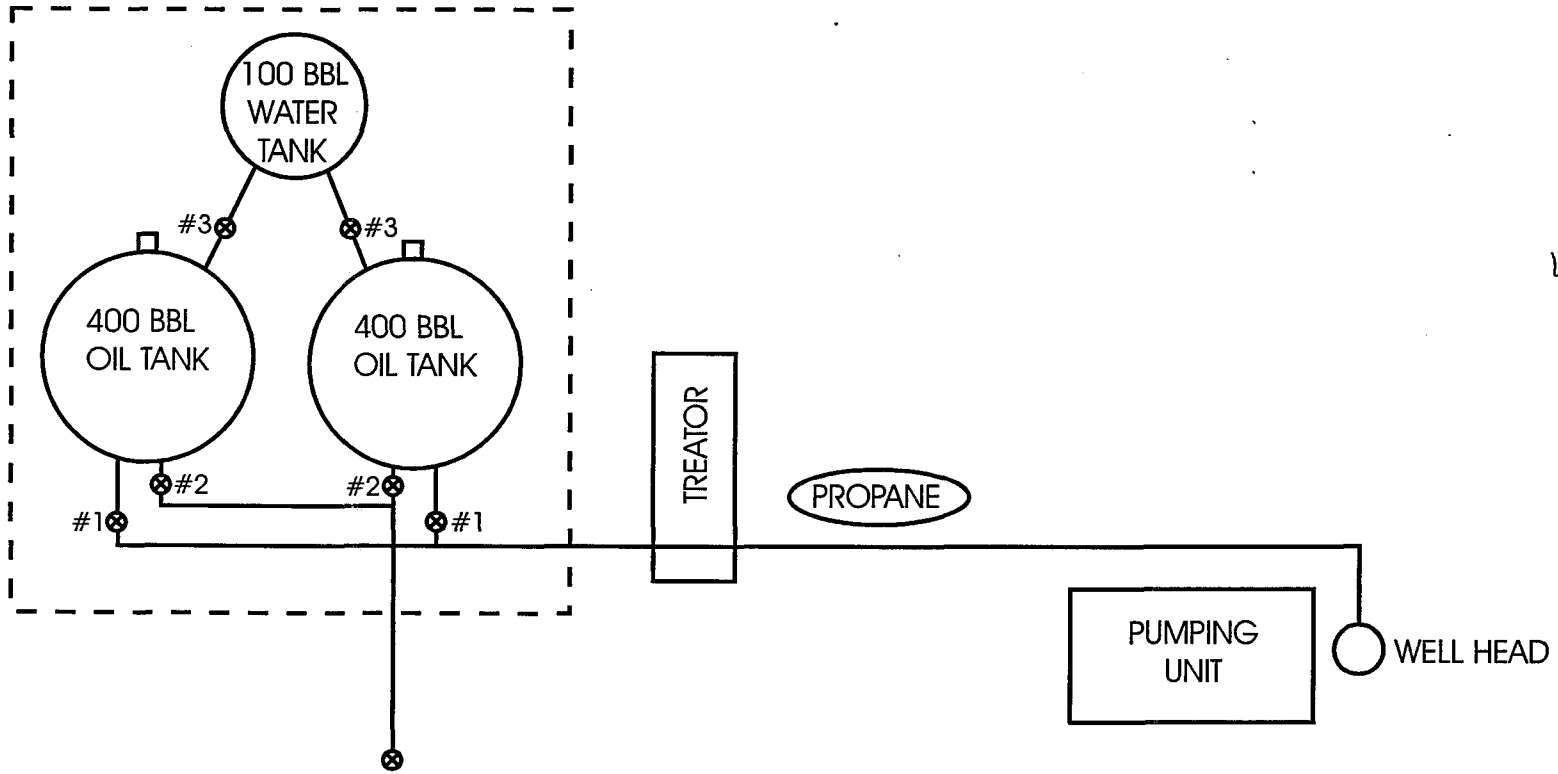
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statem
or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #24-17-9-16
PRODUCTION FACILITY DIAGRAM

MONUMENT FEDERAL 24-17-9-16
SE SW SEC. 17, T9S, R16E
DUCHESNE COUNTY, UTAH
FEDERAL LEASE #U-52018

43-013-31682.



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED

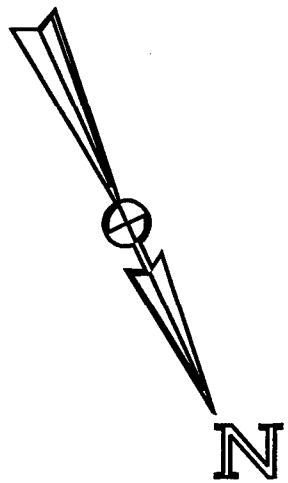


DIAGRAM NOT TO SCALE

PLAN LOCATED AT:
EQUITABLE RESOURCES ENERGY COMPANY
WESTERN REGION
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

OCTOBER 11, 1996

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: See Attached
6. If Indian, Allottee or Tribe Name: n/a
7. Unit Agreement Name: See Attached
8. Well Name and Number: See Attached
9. API Well Number: See Attached
10. Field and Pool, or Wildcat: See Attached

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL [X] GAS [ ] OTHER:

RECEIVED

2. Name of Operator: Inland Production Company

OCT 13 1997

3. Address and Telephone Number: 475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

County:

QQ, Sec., T., R., M.:

State:

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon *	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Reperforate
[ ] Convert to Injection	[ ] Reperforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Change of Operator	
[X] Other Change of Operator			

Approximate date work will start _____

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13. Name & Signature: Chris A. Potter Title: CHRIS A. POTTER, ATTORNEY-IN-FACT Date: 9/30/97

(This space for State use only)

(4\94) (See Instructions on Reverse Side)

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
WALTON FEDERAL #4	SENW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
K. JORGENSON STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	

Inland
RESOURCES INC.

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincereiy,

INLAND PRODUCTION COMPANY

Patsy Barreau

Patsy Barreau

/pb
encls.

475 Seventeenth Street, Suite 1500, Denver, CO 80202 • 303-292-0900 • FAX 303-296-4070

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:
3162.3
UT08438

December 9, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

43-013-31682

Re: Well No. Monument Fed 24-17-9-16
SESW, Sec. 17, T9S, R16E
Lease U-52018
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
L&W Oil Company

EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION
(406) 259-7860 Telephone
(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc

Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested. Call if you need anything further.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	6-LEC
2-GLH	7-KAS
3-DTS/S	8-SJ
4-VLD	9-FILE
5-JRB	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, **effective:** 9-30-97

TO: (new operator)	INLAND PRODUCTION COMPANY	**FROM:** (old operator)	EQUITABLE RESOURCES ENERGY
(address)	PO BOX 1446	(address)	C/O CRAZY MTN O&G SVS
	ROOSEVELT UT 84066		PO BOX 577
			LAUREL MT 59044
	Phone: (801)722-5103		Phone: (406)628-4164
	Account no. N5160		Account no. N9890

WELL(S) attach additional page if needed:

Name: HENDEL FED. 1-9/GRRV	API:	43-047-20011	Entity:	1310	S	9	T	9S	R	19E	Lease: U058149
Name: FEDERAL 24-3Y/GRRV	API:	43-013-31397	Entity:	11493	S	3	T	9S	R	17E	Lease: U64381
Name: FEDERAL 21-25Y/GRRV	API:	43-013-31394	Entity:	11530	S	25	T	9S	R	16E	Lease: U64380
Name: MONUMENT 14-3-9-17Y/GR	API:	43-013-31535	Entity:	11857	S	3	T	9S	R	17E	Lease: U64381
Name: MONUMENT 22-20-9-16/GR	API:	43-013-31681	Entity:	11961	S	20	T	9S	R	16E	Lease: U52018
Name: MONUMENT 24-17-9-16/GR	API:	43-013-31682	Entity:	11994	S	17	T	9S	R	16E	Lease: U52018
Name:	API:		Entity:		S		T		R		Lease:

OPERATOR CHANGE DOCUMENTATION

Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 12-10-97)

Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 10-20-97)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____.

Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 **through 9** below.

Lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (12-15-97)

Lec 6. **Cardex** file has been updated for each well listed above. (12-15-97)

Lec 7. Well **file labels** have been updated for each well listed above. (12-15-97)

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-15-97)

Lec 9. A folder has been set up for the **Operator Change file,** and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Yes 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.

N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
Yes

__ 2. A **copy of this form** has been placed in the new and former operator's bond files.

__ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
12/16/97

N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

1. All attachments to this form have been **microfilmed**. Today's date: JAN 06 1998.

FILING

__ 1. **Copies** of all attachments to this form have been filed in each **well file**.

__ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

971215 BLM / aprv. 12-9-97.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-52018

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
MONUMENT FEDERAL 24-17-9-16

9. API Well No.
43-013-31682

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

11. County or Parish, State
DUCHESNE COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0660 FSL 1980 FWL SE/SW Section 17, T09S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Recompletion**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 6/11/98 - 6/17/98

Perf CP sd @ 5482-85', 5517-28' & 5551-62'.
Perf LDC sds @ 5032-35', 5047-62', 5069-76', 5083-95', 5121-26' & 5131-40'.
Perf D-1 sds @ 4585-95'.
Swab well. Trip & land production tbg.
Place well on production @ 12:00 pm, 6/15/98.

RECEIVED
JUN 29 1998
DIV. OF OIL, GAS & MINING

WTC 1-4-99 RSK

14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 6/25/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-52018

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
MONUMENT FEDERAL 24-17-9-16

9. API Well No.
43-013-31682

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

11. County or Parish, State
DUCHESNE COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0660 FSL 1980 FWL SE/SW Section 17, T09S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Weekly Status	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 7/16/98 - 7/22/98

Isolate & swab zones (check for wtr).
Isolate & swab zones for wtr entry.
Drill out squeezed perfs.
Drill out & swab test squeezed LDC perfs.
Place well on production @ 6:30 PM, 7/18/98.

RECEIVED
AUG 03 1998
DIV. OIL GAS

14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 7/29/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-52018

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
MONUMENT FEDERAL 24-17-9-16

9. API Well No.
43-013-31682

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

11. County or Parish, State
DUCHESNE COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0660 FSL 1980 FWL SE/SW Section 17, T09S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Site Security**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.

RECEIVED
NOV 02 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 10/28/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Inland Production Company
Site Facility Diagram

Monument 24-17

SE/SW Sec. 17, T9S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

1) Valves 1 and 3 sealed closed

2) Valves 2 and 4 sealed open

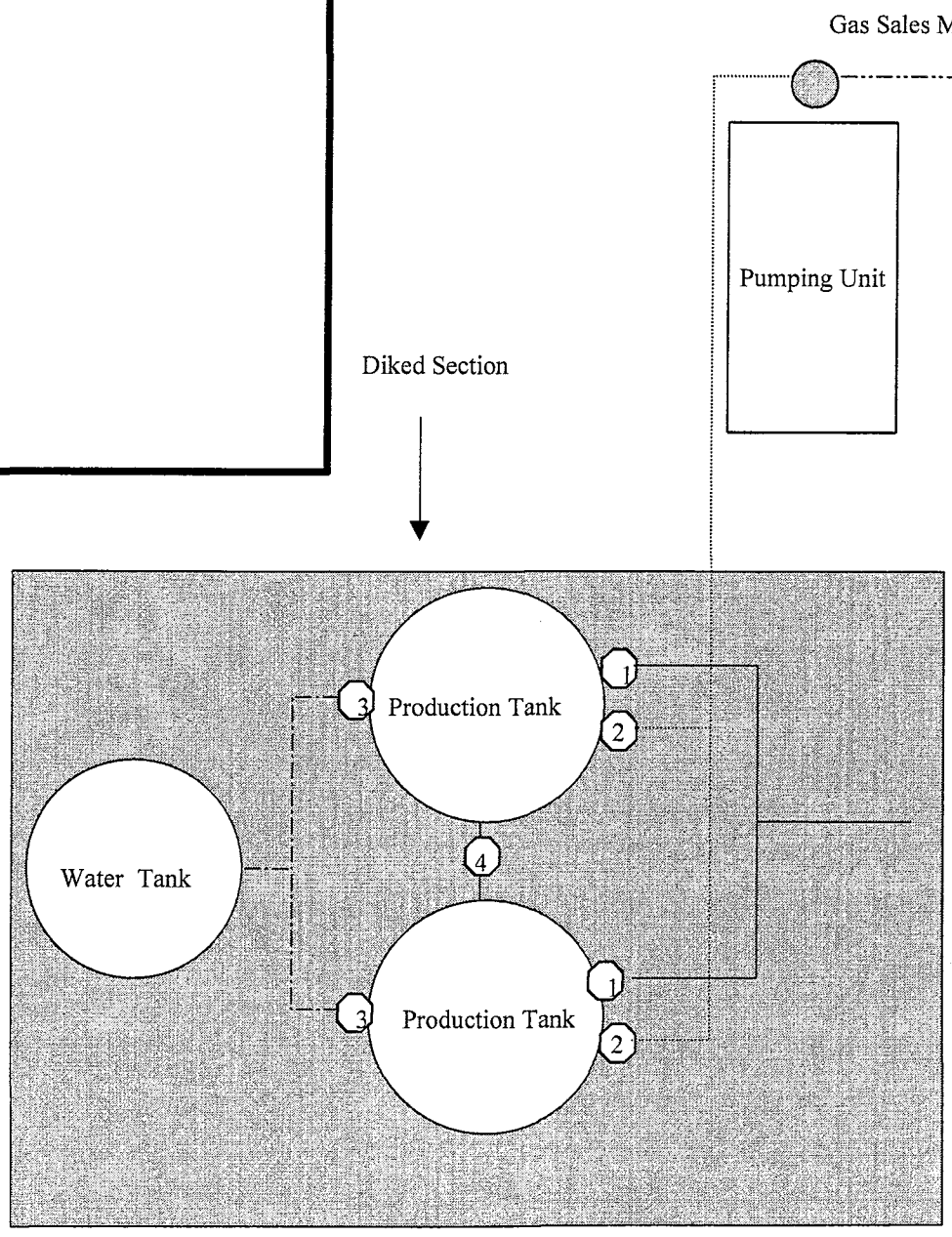
Sales Phase:

1) Valves 1, 2, 4, 5 sealed closed

2) Valves 1 open

Draining Phase:

1) Valve 3 open



Emulsion Line

Load Line

Water Line

Gas Sales

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-52018

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
MONUMENT FED 24-17-9-16

9. API Well No.
43-013-31682

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UTA

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0660 FSL 1980 FWL SE/SW Section 17, T9S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Re-completion**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Re-completion procedures were initiated in the Green River formation on subject well on 1/2/03. Existing production equipment was pulled from well. A casing scraper was ran to top of fill @ 5664'. Perfs at 4585'-4595' were isolated and squeezed W/ 100 sks Class G cmt W/ .75% FL-62 & .2% S.M. (1.15 cf/sk yld @ 15.8 ppg). Cmt was drilled out and squeeze was pressure tested to 500 psi. An old set of squeezed perfs were re-perforated (along with a new set) as follows: Upper LODC sds @ 5022'-5036', 5045'-5063'. 5068'-5096', 5102'-5110' (new), 5118'-5128' and 5131'-5148' (all @ 4 JSPF) and fraced down 2 7/8 N-80 tbg W/ 247,818# 20/40 mesh sand in 1544 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New interval was swab tested for sand cleanup. Frac tbg & tools were pulled from well. A BHA & production tbg string was ran in and anchored in well W/ tubing anchor @ 4443', pump seating nipple @ 4477' and end of tubing string @ 4510'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well returned to production via rod pump on 1/14/2003.

RECEIVED
JAN 2 2 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Gary Dietz Title Completion Foreman Date 1/19/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael L Coulthard

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-

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68528A
72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — **Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
PARIETTE DRAW 9-22	22	080S	170E	4301331813	12300	Federal	D	PA
PARIETTE FED 1-22-8-17	22	080S	170E	4301331827	99998	Federal	NA	LA
MON FED 24-17-9-16	17	090S	160E	4301331682	11994	Federal	OW	P
MON FED 44-17-9-16	17	090S	160E	4301331683	99998	Federal	D	PA
MON FED 22-20-9-16	20	090S	160E	4301331681	11961	Federal	OW	S
MON FED 31-21-9-16Y	21	090S	160E	4301331726	12080	Federal	OW	S
MON FED 11-22-9-16Y	22	090S	160E	4301331647	11986	Federal	OW	S
PINEHURST FEDERAL 3-7	03	090S	170E	4301331760	12391	Federal	OW	P
PINEHURST FEDERAL 3-8	03	090S	170E	4301331761	12391	Federal	OW	P
RIVIERA FEDERAL 3-11	03	090S	170E	4301331764	12391	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-52018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: MON FED 24-17-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013316820000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FSL 1980 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 5/20/2014	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: New Perforations

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 05/15/2014. New intervals perforated, GB4 sands - 4067-4084' 3 JSPF & GB6 4116-4119' 3 JSPF. On 05/16/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/20/2014 the casing was pressured up to 1418 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1100 psig during the test. There was an State representative available to witness the test - Chris Jensen.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 29, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 5/29/2014

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen **Date** 5/20/14 **Time** 10:00 (am) pm
Test Conducted by: Riley Byrd
Others Present:

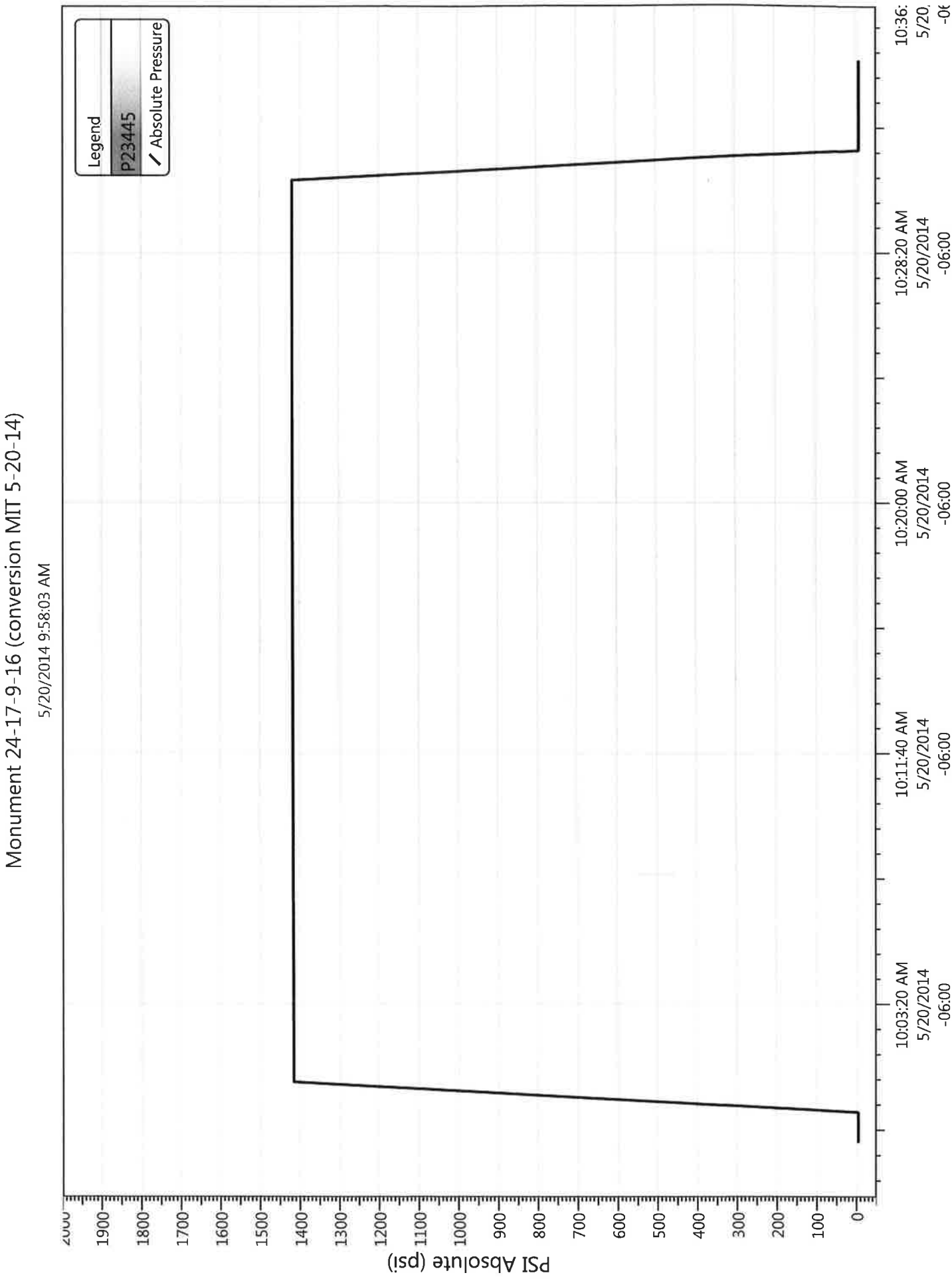
Well: Mon 24-17-9-16	**Field:** Monument Butte
Well Location: Mon 24-17-9-16	**API No:** 4301331682

Time	Casing Pressure	
0 min	1416	psig
5	1416	psig
10	1417	psig
15	1417	psig
20	1417	psig
25	1417	psig
30 min	1418	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1100 psig

Result: (Pass) Fail

Signature of Witness: Jensen
Signature of Person Conducting Test: Riley Byrd


Monument 24-17-9-16 (conversion MIT 5-20-14)
5/20/2014 9:58:03 AM
Legend
P23445
Absolute Pressure
PSI Absolute (psi)
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NEWFIELD

Job Detail Summary Report

Well Name: Mon 24-17-9-16

Jobs		
Primary Job Type	Job Start Date	Job End Date
Conversion	5/9/2014	5/20/2014

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
5/9/2014	5/10/2014	MIRUWOR, pull and LD pump and rods, ND WH and NU BOPS, PU and RIH w/ 2-7/8" tbg to tag fill @ 5506'. POOH breaking and doping connections. LD BHA and PU and RBIH w/ RBS bit and scraper to 4392'. SDFWE.

Start Time	End Time	Comment
00:00	06:00	
06:00	06:30	
06:30	09:00	MIRUWOR, floor and rod equipment. Pump 60 BBLS H2O Down CSG, Remove head, Unseat pump @ 12000# over string wt, Flush rods W/ 40 BBLS H2O, Try testing TBG Pump 20 BBLS H2O and never pressured up.
09:00	11:00	Circ well, LD 1 1/2 X 22' Polish rod 1-2' pony, 2-6' ponies, 178 3/4" 4 PER 6-1 1/2" WT Bars & 2 1/2 X 1 1/2 X 16' RHAC.
11:00	12:30	ND Well head, unset 5 1/2" B-2 TAC, Strip on 5000# BOPS, RU Floor & TBG Works
12:30	13:30	PU & Talley 26 JTS 2 7/8 TBG, Tag fill @ 5506' 173' of fill.
13:30	16:30	TOOH W/ 26 JTS, Break & redope every other connection W/ 126 JTS 2 7/8 TBG, CONT TOOH W/ 23 JTS LD 5 1/2 B-2 TAC, PSN & NC, Stopped once & flushed W/ 30 BBLS H2O. found a hole in jnt 144.
16:30	18:30	PU & TIH W/ 5 1/2" RBS Bit & Scraper & 140 JTS 2 7/8 TBG, EOT @ 4392'.
18:30	19:00	Clean location and SWIFWE.
19:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/12/2014	5/13/2014	Cont to DO/CO fill to PBTD. Circ cln and POOH. MIRUWLT to RIH and set RBP. ND BOPS, X-over to 5K WH and NU frac vlv and single 5K blinds w/ double side gate valves. PT RBP, Frac vlv, and blinds w/double gates. RIH w/ WL to perf GB-6 and GB-4 zones. POOH w/ WL and RDMO. BD perfs.

Start Time	End Time	Comment
00:00	06:30	
06:30	07:00	
07:00	09:30	Cont TIH w/ 24 jnts, PU 6 jnts to tag fill @ 5506', RU drilling equip CO to PBTD @ 5679', Circ well clean.
09:30	11:00	RD drlg equip & LD 31 jnts 2 7/8 tbg.
11:00	13:30	TOOH Breaking & redoping every other connection W/ 128 JTS 2 7/8 TBG, LD 27- JTS & 5 1/2 Bit & scraper.
13:30	14:30	RU Wireline set HE Plug @ 4150'.
14:30	17:30	ND 5K Rig BOPS, Unscrew 3K Well head Screw on 5K Well head, MU Valves, NU 5K Frac valve & Blind rams, MU Double 2" valves, Test CSG, Plug & Frac stack to 4200 PSI-OK .
17:30	18:30	RUWLT to RIH and perf GB6/GB4 zones at 4067-68' 4082-84' 4116-19'. POOW w/WL. Monitor pressure on surface casiing and break down perfs @ 4100 psi. Pressure dropped to 3500 psi then built up to 3750 psi while injecting 5 bbls H2O. While monitoring surface csg, surf csg never gained press, Left 2000 psi on csg to monitor overnight.

NEWFIELD

Job Detail Summary Report

Well Name: Mon 24-17-9-16

Start Time	End Time	Comment
18:30	19:00	SWIFN.
19:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/14/2014	5/15/2014	MIRU frac equip. Frac stage 1 GB6, GB4 for recomplete/conversion. FB to tank, RDMO frac equip. RIH and release RBP, POOH w/tbg. RBIH w/ pkr BHA, drop SV and PT tbg.

Start Time	End Time	Comment
00:00	05:30	
05:30	07:00	
07:00	07:30	
07:30	08:45	(Stg #1 17# Frac) (GB6, GB4) Press test lines to 4800 psi, Open well w/ 220 psi, Break down formation w/ 2.3 bbls fresh water @ 1.2 bpm @ 3814 psi, Bring rate to 18 bpm while bullheading 11.9 bbls 15% HCL, tot 42 bbls & shut down (ISDP 1509 psi, F.G. .81), Frac well w/ 515.6 bbls 17# gel fld, Pumped 35,000# 20/40 white sand in formation, ISIP 1791 psi, F.G. .88, Max press 3552 psi, Avg press 3202 psi, Max rate 24.1, Avg rate 20.8 bpm, (5-min 1699 psi, 10-min 1435 psi, 15-min 1362 psi) Tot pumped 543.1, 644.1 TFTR
08:45	10:00	Open well to flowback tanks @ approx 3 bpm and then it dropped to 1.25 bpm on an open choke while rigging down frac equipment. Well flowed for 1 hours and died. Recovered 75 bbls. 569.1 bbls left to recover.
10:00	11:00	ND Single blind rams, NU rig BOPS RU Floor & TBG Works.
11:00	13:15	RH & 133 JTS 2 7/8 TBG, CIRC 20' Of sand off RBP, REL RBP, Flush TBG W/ 40 BBLS H2O
13:15	14:15	TOOH W/ 127 JTS 2 7/8 TBG, LD 6 JTS & RBP
14:15	15:45	PU & TIH W/ 2 3/8" RE Entry guide, XN Nipple, 4' 2 3/8 TBG SUB, X- Over, Arrow set-1 PKR, ON/OFF Tool, PSN & 127 JTS 2 7/8 TBG.
15:45	17:45	Pump 15 BBL Pad, CIRC SV to PSN, Test TBG to 3000 PSI, Leave pressure over night. Mulit-chem delivered 10 gal Corrosion Inib MC-6895, 5 gal Biocide MCB-8850
17:45	18:00	
18:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/15/2014	5/15/2014	Retrieve SV, RD tbg equip and floor, ND BOPS and frac vlv, Pump pkr fld and set pkr. land tbg on WH and NU WH. PT csg, RDMOWOR.

Start Time	End Time	Comment
00:00	06:30	
06:30	07:00	
07:00	08:00	CK PRESS on TBG 2800 PSI, Watch press for 30 MIN-Good test RU & RIH W/ Sandline & over shot, RET SV POOH & Rack out sandline.
08:00	08:45	RD Floor & TBG Works, Strip off rig BOPS & 5000# Frac valve Land TBG on wellhead.

NEWFIELD

Job Detail Summary Report

Well Name: Mon 24-17-9-16

Start Time	End Time	Comment
08:45	10:00	Pump 50 BBLS Fresh H2O & PKR fluid, Set 5 1/2" Arroeset-1 PKR W/ 15000# Tension @ 4005' PSN @ 3999' EOT @ 4015', Land TBG on well head, NU Well head.
10:00	11:30	Test CSG & PKR to 1400 PSI-Good test RDMOWOR.
11:30	12:00	
12:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
5/20/2014	5/20/2014	CONDUCT INITIAL MIT

Start Time	End Time	Comment
10:30	11:00	On 05/16/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/20/2014 the casing was pressured up to 1418 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1100 psig during the test. There was a State representative available to witness the test - Chris Jensen.

NEWFIELD

Schematic

Well Name: Mon 24-17-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
660' FSL & 1980' FWL (SESW) SECTION 17-T9S-R16E	43013316820000	500150890		Utah	GMBU CTB3	DUCHESNE

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
7/18/1996	7/25/1996	8/30/1996	6,018	6,008		Original Hole - 5,679.0

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	OAP	5/9/2014	5/20/2014

TD: 5,750.0 Vertical - Original Hole, 5/21/2014 2:13:08 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
9.8			DLS (°...	
277.9				1; Surface; 8 5/8 in; 8.097 in; 10-279 ftKB; 268.95 ft
291.0				9-1; Tubing; 2 7/8; 2.441; 0-4,000; 3,999.55
3,999.7				9-2; Pump Seating Nipple; 2 7/8; 2.250; 4,000-4,001; 1.10
4,002.0				9-3; On-Off Tool; 2 7/8; 2.441; 4,001-4,002; 1.40
4,009.5				9-4; Packer; 2 7/8; 2.441; 4,002-4,009; 6.95
4,014.4				9-5; Cross Over; 2 7/8; 1.991; 4,009-4,009; 0.50
4,066.9				9-6; Tubing Pup Joint; 2 3/8; 1.991; 4,009-4,014; 4.05
4,082.0				9-7; Profile Nipple; 2 3/8; 1.875; 4,014-4,015; 1.00
4,116.1				9-8; Wireline Guide; 2 3/8; 1.991; 4,015-4,015; 0.45
4,206.0				Perforated; 4,067-4,068; 5/12/2014
4,595.1				Perforated; 4,082-4,084; 5/12/2014
4,669.0				Perforated; 4,116-4,119; 5/12/2014
4,850.1				Perforated; 4,585-4,595; 6/11/1998
4,955.1				Perforated; 4,664-4,669; 8/16/1996
5,022.0				Perforated; 4,664-4,669; 8/16/1996
5,035.1				Perforated; 4,845-4,850; 8/15/1996
5,044.9				Perforated; 4,950-4,955; 8/15/1996
5,062.0				Re-Perforated; 5,022-5,036; 1/7/2003
5,067.9				Perforated; 5,032-5,035; 6/9/1998
5,076.1				Re-Perforated; 5,045-5,063; 1/7/2003
5,095.1				Perforated; 5,047-5,062; 6/9/1998
5,102.0				Perforated; 5,069-5,076; 6/9/1998
5,118.1				Re-Perforated; 5,068-5,096; 1/7/2003
5,126.0				Perforated; 5,083-5,095; 6/9/1998
5,130.9				Perforated; 5,102-5,110; 1/7/2003
5,148.0				Re-Perforated; 5,118-5,128; 1/7/2003
5,206.0				Perforated; 5,121-5,126; 6/9/1998
5,211.9				Perforated; 5,131-5,140; 6/9/1998
5,220.1				Re-Perforated; 5,131-5,148; 1/7/2003
5,226.0				Perforated; 5,200-5,206; 8/12/1996
5,231.0				Perforated; 5,209-5,212; 8/12/1996
5,482.0				Perforated; 5,216-5,220; 8/12/1996
5,517.1				Perforated; 5,222-5,226; 8/12/1996
5,550.9				Perforated; 5,229-5,234; 8/12/1996
5,679.1				Perforated; 5,482-5,485; 6/6/1998
5,706.0				Perforated; 5,517-5,528; 6/6/1998
5,750.0				Perforated; 5,551-5,562; 6/6/1998
				2; Production; 5 1/2 in; 4.950 in; 10-5,750 ftKB; 5,740.01 ft

NEWFIELD

Newfield Wellbore Diagram Data
Mon 24-17-9-16

Surface Legal Location	API/UWI	Lease
660' FSL & 1980' FWL (SESW) SECTION 17-T9S-R16E	43013316820000	

County	State/Province	Basin	Field Name
DUCHESNE	Utah	Uintah Basin	GMBU CTB3

Well Start Date	Spud Date	Final Rig Release Date	On Production Date
7/18/1996	7/18/1996	7/25/1996	8/30/1996

Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
6,018	6,008	5,750.0		Original Hole - 5,679.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/18/1996	8 5/8	8.097	24.00	J-55	279
Production	7/24/1996	5 1/2	4.950	15.50	J-55	5,750

Cement

String: Surface, 279ftKB 7/18/1996

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	10.0	291.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
2% CaCl2 + 1/4#/sx Cello-Flake	Lead	160	G	

String: Production, 5,750ftKB 7/24/1996

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	2,027.0	5,750.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
	Lead	150	G	
	Tail	310	50:50 POZ	

String: <String?> 7/16/1998

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	4,984.0	5,095.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
	Squeeze	110	G Neat	4,984.0

String: <String?> 1/4/2003

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	4,206.0	4,595.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
		100	G	4,585.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	5/14/2014	4,015.0

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	127	2 7/8	2.441	6.50	J-55	3,999.55	0.0	3,999.6
Pump Seating Nipple	1	2 7/8	2.250		N-80	1.10	3,999.6	4,000.7
On-Off Tool	1	2 7/8	2.441			1.40	4,000.7	4,002.1
Packer	1	2 7/8	2.441			6.95	4,002.1	4,009.0
Cross Over	1	2 7/8	1.991			0.50	4,009.0	4,009.5
Tubing Pup Joint	1	2 3/8	1.991	4.70	J-55	4.05	4,009.5	4,013.6
Profile Nipple	1	2 3/8	1.875		N-80	1.00	4,013.6	4,014.6
Wireline Guide	1	2 3/8	1.991			0.45	4,014.6	4,015.0

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,679	5,705	6/13/1998	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
8	GB4, Original Hole	4,067	4,068	2	180	0.340	5/12/2014
8	GB4, Original Hole	4,082	4,084	2	180	0.340	5/12/2014
8	GB6, Original Hole	4,116	4,119	2	180	0.340	5/12/2014
6	D1 SANDS, Original Hole	4,585	4,595	4			6/11/1998
3	D2 SANDS, Original Hole	4,664	4,669	4			8/16/1996
3	D2 SANDS, Original Hole	4,664	4,669	4			8/16/1996
2	A/B SANDS, Original Hole	4,845	4,850	4			8/15/1996
2	A/B SANDS, Original Hole	4,950	4,955	4			8/15/1996
7	UP LODC SANDS, Original Hole	5,022	5,036	4			1/7/2003

NEWFIELD

Newfield Wellbore Diagram Data
Mon 24-17-9-16

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	LDC SANDS, Original Hole	5,032	5,035	2			6/9/1998
7	UP LODC SANDS, Original Hole	5,045	5,063	4			1/7/2003
5	LDC SANDS, Original Hole	5,047	5,062	2			6/9/1998
7	UP LODC SANDS, Original Hole	5,068	5,096	4			1/7/2003
5	LDC SANDS, Original Hole	5,069	5,076	2			6/9/1998
5	LDC SANDS, Original Hole	5,083	5,095	2			6/9/1998
7	LDC SANDS, Original Hole	5,102	5,110	4			1/7/2003
7	UP LODC SANDS, Original Hole	5,118	5,128	4			1/7/2003
5	LDC SANDS, Original Hole	5,121	5,126	2			6/9/1998
5	LDC SANDS, Original Hole	5,131	5,140	2			6/9/1998
7	UP LODC SANDS, Original Hole	5,131	5,148	4			1/7/2003
1	LODC SANDS, Original Hole	5,200	5,206	4			8/12/1996
1	LODC SANDS, Original Hole	5,209	5,212	4			8/12/1996
1	LODC SANDS, Original Hole	5,216	5,220	4			8/12/1996
1	LODC SANDS, Original Hole	5,222	5,226	4			8/12/1996
1	LODC SANDS, Original Hole	5,229	5,234	4			8/12/1996
4	CP SANDS, Original Hole	5,482	5,485	4			6/6/1998
4	CP SANDS, Original Hole	5,517	5,528	4			6/6/1998
4	CP SANDS, Original Hole	5,551	5,562	4			6/6/1998

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,650						
2	2,150						
3	1,950						
4	2,000						
5	1,540						
6	2,150						
7	2,250						
1	1,791	0.881	24.1	3,552	509	537	509

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 97178 lb
2		Proppant Sand 44700 lb
3		Proppant Sand 21800 lb
4		Proppant Sand 102300 lb
5		Proppant Sand 95500 lb
6		Proppant Sand 117110 lb
7		Proppant Sand 247818 lb
1	35,000	Main White Sand 35000 lbs

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-52018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MON FED 24-17-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013316820000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FSL 1980 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 8/22/2014	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 12:08 PM on 08/22/2014.

Accepted by the Utah Division of Oil, Gas and Mining
Date: September 04, 2014
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 8/27/2014

RECEIVED: Aug. 27, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-419

Operator: Newfield Production Company

Well: Monument Federal 24-17-9-16

Location: Section 17, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-31682

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 14, 2014.
2. Maximum Allowable Injection Pressure: 1,507 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,908' – 5,679')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____ 8/21/2014
John Rogers, Associate Director — Date

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

April 14, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Federal 24-17-9-16, Section 17, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31682

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

5. The top of the injection interval shall be limited to a depth no higher than 3,908 feet in the Monument Federal 24-17-9-16 well.

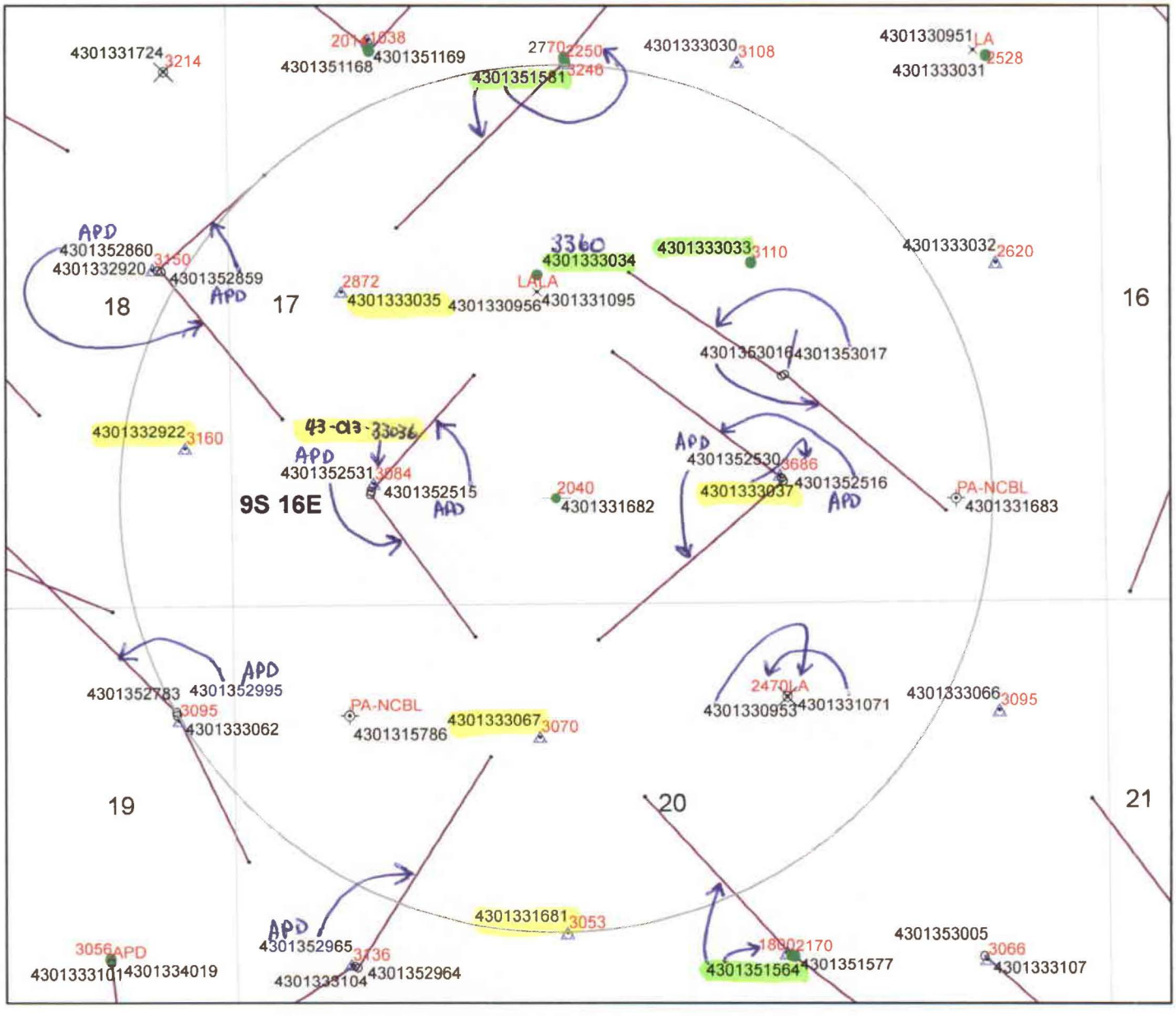
A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

UTAH DNR OIL, GAS & MINING



Legend

Oil & Gas Well Type

- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- GIW-Gas Injection Well
- GSW-Gas Storage Well
- LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well — In AOR
- RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- WIW-WaterInjection Well — in AOR
- WSW-Water Supply Well

4585 Depth to top of suitable cement bond

- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
  Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

Cement Bond Tops
Monument Federal 24-17-9-16
API #43-013-31682
UIC-419.3

(updated 8/19/2014)

0 0.05 0.1 0.2 0.3 0.4 Miles

N

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Monument Federal 24-17-9-16

Location: 17/9S/16E **API:** 43-013-31682

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 280 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,727 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,040 feet. A 2 7/8 inch tubing with a packer will be set at 4,535 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (8/19/2014), based on surface locations, there are 2 producing wells, 6 injection wells, 1 shut-in well (the proposed injection well), 1 temporarily abandoned well, and 1 P/A well in the AOR. In addition, there are 2 directional producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there are 2 approved surface locations outside the AOR from which a directional wells will be drilled to bottom hole locations inside the AOR and 1 approved surface location inside the AOR for a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,908 feet and 5,679 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 24-17-9-16 well is 0.74 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,507 psig. The requested maximum pressure is 1,507 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the
Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 4/10/2014 (revised 8/19/2014)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune MEDIAOne Deseret News

PROOF OF PUBLICATION CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/7/2014

RECEIVED
MAR 17 2014
DIV. OF OIL, GAS & MINING

ACCOUNT NAME
DIV OF OIL-GAS & MINING,

TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000944320 /

SCHEDULE
Start 03/07/2014 End 03/07/2014

CUST. REF. NO.
Cause No. UIC-419

CAPTION
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURA

SIZE	
65 Lines	2.00 COLUMN

TIMES	RATE
3	

MISC. CHARGES	AD CHARGES

TOTAL COST
223.40

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-419

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 15, 17, and 20, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

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API 43-013-30634
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API 43-013-30631
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API 43-013-31682
Nova 31-20 G NGC Federal well located in NW/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-31071

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of March, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

944320 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-419 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 03/07/2014 End 03/07/2014

SIGNATURE

DATE 3/7/2014

VIRGINIA CRAFT
NOTARY PUBLIC - STATE OF UTAH
My Comm. Exp. 01/12/2016
Commission # 672963

NOTARY SIGNATURE

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2750 | GGUCP COMM SFW REC | 6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 11 day of March, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 11 day of March, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me on this

11 day of March, 2014

by Kevin Ashby.

Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2018
State of Utah

NOTICE OF AGENCY ACTION CAUSE NO. UIC-419

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 15, 17, and 20, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-30631

Monument Federal 24-17-9-16 well l...

City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of March, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

Published in the Uintah Basin Standard March 11, 2014.

vill Ashley.

Bonnie Parrish

Notary Public

Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2016
State of Utah

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API 43-013-31682

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API 43-013-31071

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
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CAUSE NO. UIC-419

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Dated this 5th day of March, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

CASTLE PEAK FEDERAL 22-15-9-16, CASTLE PEAK FEDERAL 24-15-9-16, MONUMENT FEDERAL 24-17-9-16, NOVA 31-20 G NGC FEDERAL

Cause No. UIC-419

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jan Sweet

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

March 5, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-419

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

[redacted]

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-419

1 message

UB Standard Legals <ubslegals@ubmedia.biz> Wed, Mar 5, 2014 at 3:49 PM
To: Jean Sweet <jsweet@utah.gov>

On 3/5/2014 11:12 AM, Jean Sweet wrote:

> To whom it may concern:
>
> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published.
>
> My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
>
> Division of Oil, Gas and Mining
>
> PO Box 145801
>
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean
> –
> Jean Sweet
> Executive Secretary
> Utah Division of Oil, Gas and Mining
> 801-538-5329

Received. It will be published March 11.
Thank you.
Cindy

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

March 5, 2014

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-419

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Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

The Salt Lake Tribune MEDIAONE OF UTAH Deseret News

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000944320-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	**Payor Address**	1594 W NORTH TEMP #1210,P.O. BO; SALT LAKE CITY, UT 84114
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	**$223.40**
Payment Amt	**$0.00**
Amount Due	**$223.40**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method

PO Number Cause No. UIC-419

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 65 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	3/7/2014	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	3/7/2014	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	3/7/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-419

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 15, 17, and 20, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 5th day of March, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

944320 UPAXLP

NEWFIELD

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

February 28, 2014

RECEIVED
MAR 03 2014
DIV. OF OIL, GAS & MINING

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Federal #24-17-9-16
Monument Butte Field, Lease #UTU-52018
Section 17-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Monument Federal #24-17-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

MONUMENT FEDERAL #24-17-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-52018

FEBRUARY 28, 2014

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Federal #24-17-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-52018
Well Location: QQ SESW section 17 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-31682

Proposed injection interval: from 3908 to 5679
Proposed maximum injection: rate 500 bpd pressure 1507 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Jill L Loyle Signature
Title Regulatory Associate Date 2/28/2014
Phone No. 303-383-4135

(State use only)
Application approved by Title
Approval Date

Comments:

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
Put on Production: 8/30/1996
GL: 6008' KB: 6018'

Initial Production: 20 BOPD, NM MCFD, 5 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

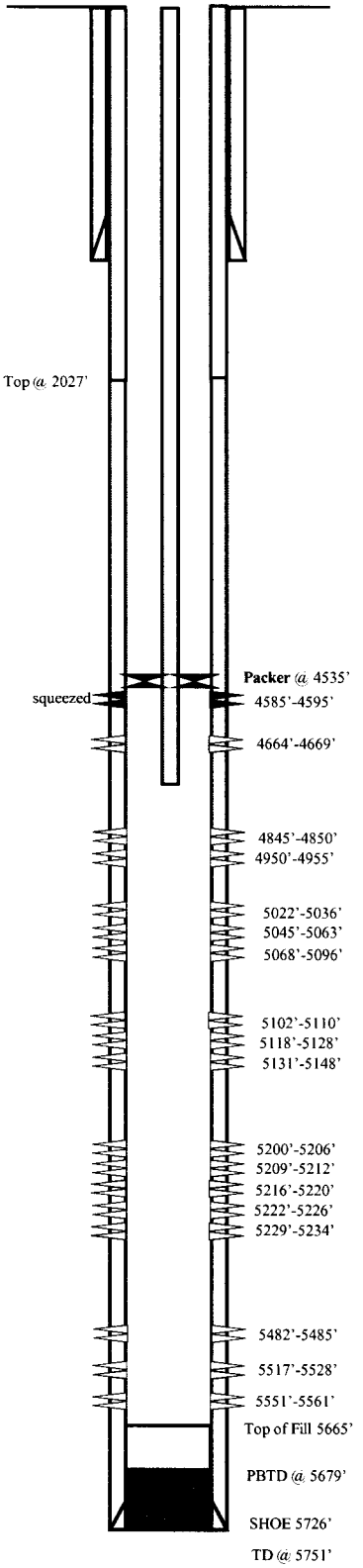
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 268.95'
DEPTH LANDED: 279.95'
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5716.51'
DEPTH LANDED: 5726.51'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
CEMENT TOP AT: 2027' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 145 jts. 4549.45')
TUBING ANCHOR: 4559.45'
NO. OF JOINTS: 2 jt. (60.20')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4622.45' KB
NO. OF JOINTS: 1 jt. (60.19')
TOTAL STRING LENGTH: EOT @ 4684.19'



FRAC JOB

8/13/96	5200'-5234'	**Frac LODC as follows:** 29,908# 20/40 sand + 67,270# 16/30 sand in 703 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.4 BPM. ISIP 2650 psi. Calc. flush: 5200 gal. Actual flush: 5166 gal.
8/16/96	4845'-4955'	**Frac A & B sands as follows:** 44,700# 16/30 sand in 396 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 30.4 BPM. ISIP 2150 psi. Calc. flush: 4845 gal. Actual flush: 4788 gal.
8/16/96	4664'-4669'	**Frac D-2 as follows:** 21,800# 16/30 sand in 264 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.8 BPM. ISIP 1950 psi. Calc. flush: 4664 gal. Actual flush: 4620 gal.
6/06/98	5482'-5562'	**Frac CP as follows:** 102,300# 20/40 sand 334 bbls Viking I-25 frac fluid. Treated @ avg press of 6825 psi w/avg rate of 28.4 BPM. ISIP 2000 psi. Calc. Flush: 5482 gal. Actual flush: 1344 gal.
6/09/98	5032'-5140'	**Frac LODC as follows:** 95,500# 20/40 sand 324 bbls Viking I-25 frac fluid. Treated @ avg press of 5520 psi w/avg rate of 27.5 BPM. ISIP 1540 psi. Calc. Flush: 5032 gal. Actual flush: 1218 gal.
6/11/98	4585'-4595'	**Frac D-1 as follows:** 117,110# 20/40 sand in 594 bbls Viking I-25 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 30 BPM. ISIP 2150 psi. Calc. Flush: 4585 gal. Actual flush: 4494 gal.
7/15/98		Squeeze 5032'-5140' w/ 90 sxs Class "G".
01/08/03	5022'-5148'	**Frac UPLODC sands follows:** 247,818 # 20/40 sand in 1544 bbls Viking I-25 fluid. Treated @ avg press of 3810 psi w/avg rate of 19.7 BPM. ISIP 2250 psi. Calc. Flush:1291 gal. Actual flush: 1176 gal.
6/04/04		Pump Change.
10/25/04		Tubing Leak. Update rod and tubing details.
12/30/04		Tubing Leak. Update rod details.
1/24/05		Pump change. Update rod and tubing details.
08/16/05		Tubing Leak. Update rod and tubing details.
03/09/06		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

8/12/96	5200'-5206'	4 SPF	24 holes
8/12/96	5209'-5212'	4 SPF	12 holes
8/12/96	5216'-5220'	4 SPF	16 holes
8/12/96	5222'-5226'	4 SPF	16 holes
8/12/96	5229'-5234'	4 SPF	20 holes
8/15/96	4845'-4850'		08 holes
8/15/96	4950'-4955'		06 holes
8/16/96	4664'-4669'	4 SPF	20 holes
6/05/98	5482'-5485'	4 SPF	12 holes
6/05/98	5517'-5528'	4 SPF	44 holes
6/05/98	5551'-5561'	4 SPF	40 holes
6/08/98	5032'-5035'	2 SPF	06 holes
6/08/98	5047'-5062'	2 SPF	30 holes
6/08/98	5069'-5076'	2 SPF	14 holes
6/08/98	5083'-5095'	2 SPF	24 holes
6/08/98	5121'-5126'	2 SPF	10 holes
6/08/98	5131'-5140'	2 SPF	18 holes
6/10/98	4585'-4595'	4 SPF	40 holes (sqzd)
1/06/03	5022'-5036'	4 SPF	128 holes (reperf)
1/06/03	5045'-5063'	4SPF	128 holes (reperf)
1/06/03	5068'-5096'	4 SPF	112 holes (reperf)
1/06/03	5102'-5110'	4 SPF	32 holes
1/06/03	5118'-5128'	4 SPF	108 holes (reperf)
1/06/03	5131'-5148'	4 SPF	108 holes (reperf)

NEWFIELD

Monument Fed. #24-17-9-16
660' FSL & 1980' FWL
SESW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-31682; Lease #U-52018

JL 1/21/2014

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

   2.1 The name and address of the operator of the project.

   Newfield Production Company
   1001 17th Street, Suite 2000
   Denver, Colorado 80202

   2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

   See Attachment A.

   2.3 A full description of the particular operation for approval is requested.

   Approval is requested to convert the Monument Federal #24-17-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

   2.4 A description of the pools from which the identified wells are producing or have produced.

   The proposed injection well will inject into the Green River Formation.

   2.5 The names, description and depth of the pool or pools to be affected.

   The injection zone is in the Green River Formation. For the Monument Federal #24-17-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3908' - 5679'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3581' and the TD is at 5751'.

   2.6 A copy of a log of a representative well completed in the pool.

   The referenced log for the Monument Federal #24-17-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-52018) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24# surface casing run to 380' KB, and 5-1/2", 15.5# casing run from surface to 5727' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1507 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Federal #24-17-9-16, for existing perforations (4664' - 5234') calculates at 0.74 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1507 psig. We may add additional perforations between 3581' and 5751'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Federal #24-17-9-16, the proposed injection zone (3908' - 5679') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

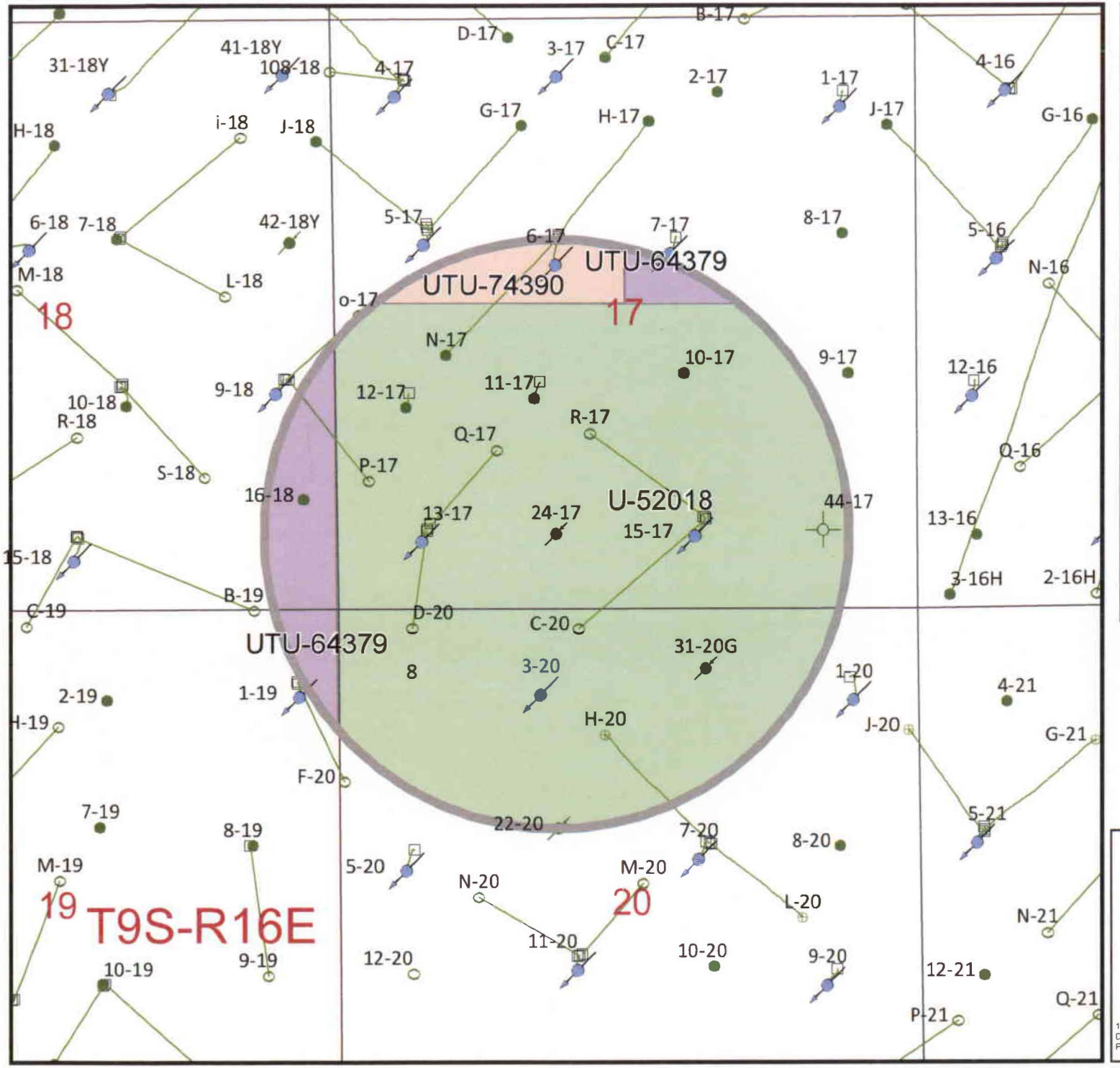
2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



Lease Number

- U-52018
- UTU-64379
- UTU-74390
- Half-Mile Buffer

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

Mon Fed 24-17-9-16
Section 17, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1 in = 1,250 feet

1/2 Mile Radius Map

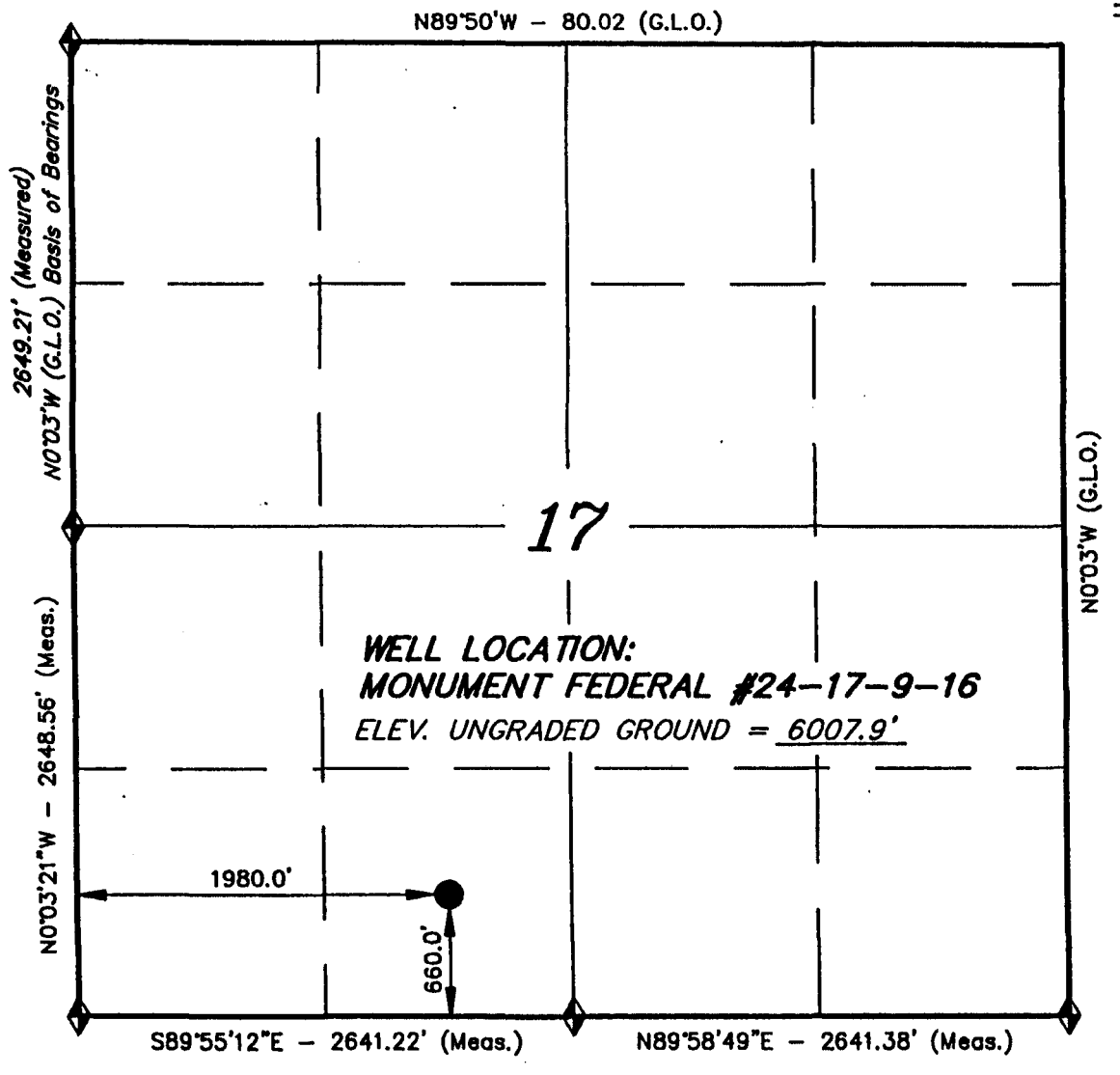
Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

Jan. 6, 2014

ATTACHMENT A-1

T9S, R16E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #24-17-9-16, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 17, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161377
STATE OF UTAH

REGISTERED LAND SURVEYOR
STACY W. STEWART
161377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH – VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: S.S.
DATE: 3-5-96	WEATHER: WINDY & COLD
NOTES:	FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 17: S2	UTU-52018	Newfield RMI LLC	
	Section 20: N2	HBP		
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 8: SWNE, SE	UTU-64379	Newfield RMI LLC	
	Section 9: SWSW	HBP	Yates Petroleum Corp	
	Section 17: NE			
	Section 18: E2SW, SE, LOTS 3,4			
	Section 19: NE, E2NW, LOTS 1,2			
	Section 21: N2			
	Section 22: W2NE, SENE, NW			
3	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 6: All	UTU-074390	Newfield RMI LLC	
	Section 7: All	HBP	ABO Petroleum Corporation	
	Section 8: W2		MYCO Industries Inc	
	Section 17: NW		Oxy Y-1 Company	
	Section 18: NE, E2NW, Lots 1, 2		Yates Petroleum Corporation	

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #24-17-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Jill L Loyle
Regulatory Associate

Sworn to and subscribed before me this 28th day of February, 2014.

Notary Public in and for the State of Colorado: _____

My Commission Expires: 11/08/2014

MICHELLE S GONZALES
Notary Public
State of Colorado

ATTACHMENT E

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
Put on Production: 8/30/1996
GL: 6008' KB: 6018'

Wellbore Diagram

Initial Production: 20 BOPD, NM MCFD, 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 268.95'
DEPTH LANDED: 279.95'
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

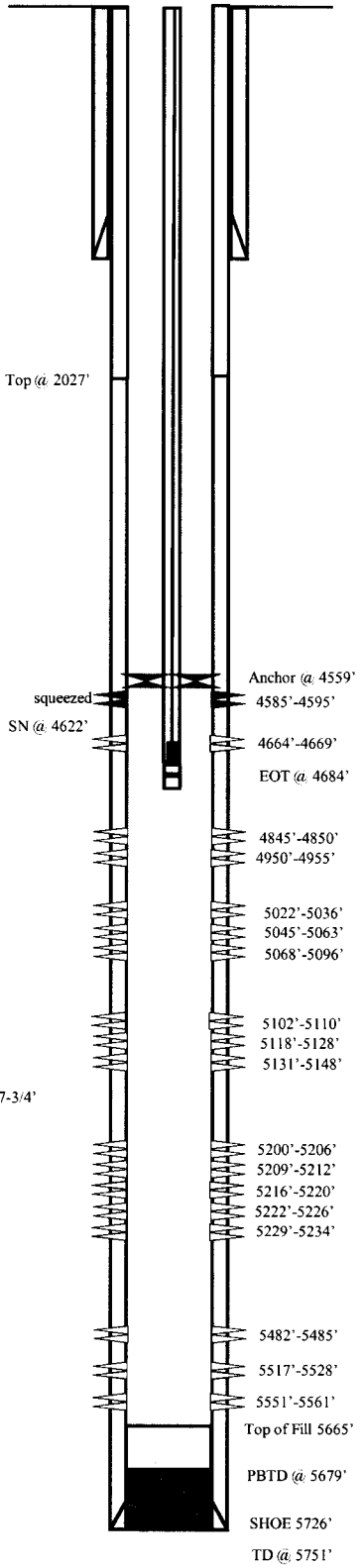
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5716.51'
DEPTH LANDED: 5726.51'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
CEMENT TOP AT: 2027' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 145 jts. 4549.45')
TUBING ANCHOR: 4559.45'
NO. OF JOINTS: 2 jt. (60.20')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4622.45' KB
NO. OF JOINTS: 1 jt. (60.19')
TOTAL STRING LENGTH: EOT @ 4684.19'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS:1 1/4' x 22' polished rods, 1-2', 2-6' x ¾' pony rods, 177-3/4' guided rods, 6-1 ½' wt bars
PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM



FRAC JOB

8/13/96	5200'-5234'	**Frac LODC as follows:** 29,908# 20/40 sand + 67,270# 16/30 sand in 703 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.4 BPM. ISIP 2650 psi. Calc. flush: 5200 gal. Actual flush: 5166 gal.
8/16/96	4845'-4955'	**Frac A & B sands as follows:** 44,700# 16/30 sand in 396 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 30.4 BPM. ISIP 2150 psi. Calc. flush: 4845 gal. Actual flush: 4788 gal.
8/16/96	4664'-4669'	**Frac D-2 as follows:** 21,800# 16/30 sand in 264 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.8 BPM. ISIP 1950 psi. Calc. flush: 4664 gal. Actual flush: 4620 gal.
6/06/98	5482'-5562'	**Frac CP as follows:** 102,300# 20/40 sand 334 bbls Viking I-25 frac fluid. Treated @ avg press of 6825 psi w/avg rate of 28.4 BPM. ISIP 2000 psi. Calc. Flush: 5482 gal. Actual flush: 1344 gal.
6/09/98	5032'-5140'	**Frac LODC as follows:** 95,500# 20/40 sand 324 bbls Viking I-25 frac fluid. Treated @ avg press of 5520 psi w/avg rate of 27.5 BPM. ISIP 1540 psi. Calc. Flush: 5032 gal. Actual flush: 1218 gal.
6/11/98	4585'-4595'	**Frac D-1 as follows:** 117,110# 20/40 sand in 594 bbls Viking I-25 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 30 BPM. ISIP 2150 psi. Calc. Flush: 4585 gal. Actual flush: 4494 gal.
7/15/98		Squeeze 5032'-5140' w/ 90 sxs Class "G".
01/08/03	5022'-5148'	**Frac UPLODC sands follows:** 247,818 # 20/40 sand in 1544 bbls Viking I-25 fluid. Treated @ avg press of 3810 psi w/avg rate of 19.7 BPM. ISIP 2250 psi. Calc. Flush:1291 gal. Actual flush: 1176 gal.
6/04/04		Pump Change.
10/25/04		Tubing Leak. Update rod and tubing details.
12/30/04		Tubing Leak. Update rod details.
1/24/05		Pump change. Update rod and tubing details.
08/16/05		Tubing Leak. Update rod and tubing details.
03/09/06		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

8/12/96	5200'-5206'	4 SPF	24 holes
8/12/96	5209'-5212'	4 SPF	12 holes
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8/12/96	5229'-5234'	4 SPF	20 holes
8/15/96	4845'-4850'		08 holes
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6/08/98	5121'-5126'	2 SPF	10 holes
6/08/98	5131'-5140'	2 SPF	18 holes
6/10/98	4585'-4595'	4 SPF	40 holes (sqzd)
1/06/03	5022'-5036'	4 SPF	128 holes (reperf)
1/06/03	5045'-5063'	4SPF	128 holes (reperf)
1/06/03	5068'-5096'	4 SPF	112 holes (reperf)
1/06/03	5102'-5110'	4 SPF	32 holes
1/06/03	5118'-5128'	4 SPF	108 holes (reperf)
1/06/03	5131'-5148'	4 SPF	108 holes (reperf)

NEWFIELD

Monument Fed. #24-17-9-16
660' FSL & 1980' FWL
SESW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-31682; Lease #U-52018

CB 03/28/06

ATTACHMENT E-1

Federal 7-17-9-16

Spud Date: 8-26-06

Put on Production: 10-5-06

GL: 5941' KB: 5953'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (310.66')

DEPTH LANDED: 322.51' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts. (6031.04')

DEPTH LANDED: 6044.29' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.

CEMENT TOP AT: 65'

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55 / 6.5#

NO. OF JOINTS: 127 jts (4009.0')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4021.0' KB

ON/OFF TOOL AT: 4022.1'

PACKER 5-1/2" AS1X w/1.875 "X" seal nipple AT: 4023.9'

XO AT: 4030.9'

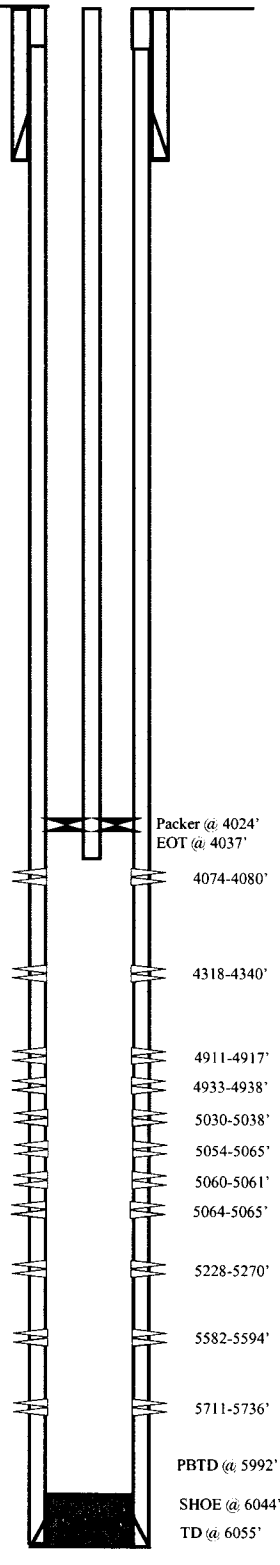
TBG PUP 2-3/8" J-55 AT4031.4'

XN NIPPLE 2-3/8" AT: 4035.5'

TOTAL STRING LENGTH: EOT @ 4037'

PERFORATION RECORD

09-20-06	5711-5736'	4 JSPF	100 holes
09-28-06	5582-5594'	4 JSPF	48 holes
09-28-06	5228-5270'	4 JSPF	84 holes
09-28-06	5030-5038'	4 JSPF	32 holes
09-28-06	4933-4938'	4 JSPF	20 holes
09-28-06	4911-4917'	4 JSPF	24 holes
09-29-06	4318-4340'	4 JSPF	88 holes
09-29-06	4074-4080'	4 JSPF	24 holes
08-29-12	5064-5065'	3 JSPF	3 holes
08-29-12	5060-5061'	3 JSPF	3 holes
08-29-12	5054-5055'	3 JSPF	3 holes



FRAC JOB

09-28-06	5711-5736'	**Frac CP3 sands as follows:** 60051# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 24.6 BPM. ISIP 2010 psi. Calc flush: 5709 gal. Actual flush: 5208 gal.
09-28-06	5582-5594'	**Frac CP1 sands as follows:** 34140# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25 BPM. ISIP 2520 psi. Calc flush: 5580 gal. Actual flush: 5053 gal.
09-28-06	5228-5270'	**Frac LODC sands as follows:** 119568# 20/40 sand in 828 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 25.3 BPM. ISIP 2420 psi. Calc flush: 5226 gal. Actual flush: 4713 gal.
09-28-06	5030-5038'	**Frac A1 sands as follows:** 28464# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 2205 w/ avg rate of 25 BPM. ISIP 2340 psi. Calc flush: 5028 gal. Actual flush: 4536 gal.
09-29-06	4911-4938'	**Frac B2, & B1 sands as follows:** 29823# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/ avg rate of 25.2 BPM. ISIP 1815 psi. Calc flush: 4909 gal. Actual flush: 4326 gal.
09-29-06	4318-4340'	**Frac PB7 sands as follows:** 73425# 20/40 sand in 552 bbls Lightning 17 frac fluid. Treated @ avg press of 2830 w/ avg rate of 24.9 BPM. ISIP 3290 psi. Calc flush: 4316 gal. Actual flush: 3822 gal.
09-29-06	4074-4080'	**Frac GB2 sands as follows:** 20053# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 w/ avg rate of 25 BPM. ISIP 1770 psi. Calc flush: 4072 gal. Actual flush: 3990 gal.
03-17-08		**Major Workover**
03-14-08	5030'-5038'	**Acidize and Squeeze A1 sands as follows**: pump 7 bbls techni-hib 767, 4 drms acid ave pump press @1816psi @ 2.2 BPM. ISIP @ 2100psi.
03-14-08	5228'-5270'	**Acidize LODC sand as follows**: 20 bbls techni-hib 767, 8 drms acid ave pump press 2128psi @ 4.3 BPM. ISIP @ 2000psi
03-14-08	5582'-5594'	**Acidize CP1 sands as follows**:: 20 bbls techni-hib, 5 drms acid. Ave pump press @ 2585psi @ 2.7 BPM. ISIP @ 2058psi
03-14-08	5711'-5736'	**Acidize CP3 sands as follows:** 20 bbls techni-hib , 8 drms acid. Ave pump press @ 2307psi @ 3.9 BPM. ISIP @ 1655psi
02-15-07		**Pump Change:** Update rod and tubing details.
04-13-07		**Tubing Leak:** Updated rod and tubing detail.
7-18-07		**Tubing Leak**: Updated rod & tubing detail.
1/12/09		**Tubing Leak.** Updated rod & tubing details.
8/26/09		**Tubing Leak**. Updated rod & tubing details.
9/22/2010		**Major Workover**. Update rod and tubing details
1/27/2011		**Tubing Leak.** Update rod and tubing details
08/31/12	5054-5065'	**Frac A3 sands as follows:** 26408# 20/40 sand in 274bbls Lightning 17 frac fluid.
09/07/12		**Convert to Injection Well**
09/10/12		**Conversion MIT Finalized** – update tbg detal

NEWFIELD

Federal 7-17-9-16

1974' FNL & 2179' FEL

SW/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33030; Lease # UTU-64379

LCN 09/11/12

ATTACHMENT E-2

FEDERAL 10-17-9-16

Spud Date: 09/01/2006
Put on Production: 10/20/2006
GL: 5995' KB: 6007'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (313.45')
DEPTH LANDED: 323.45'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ 4 bbls to surf.

PRODUCTION CASING

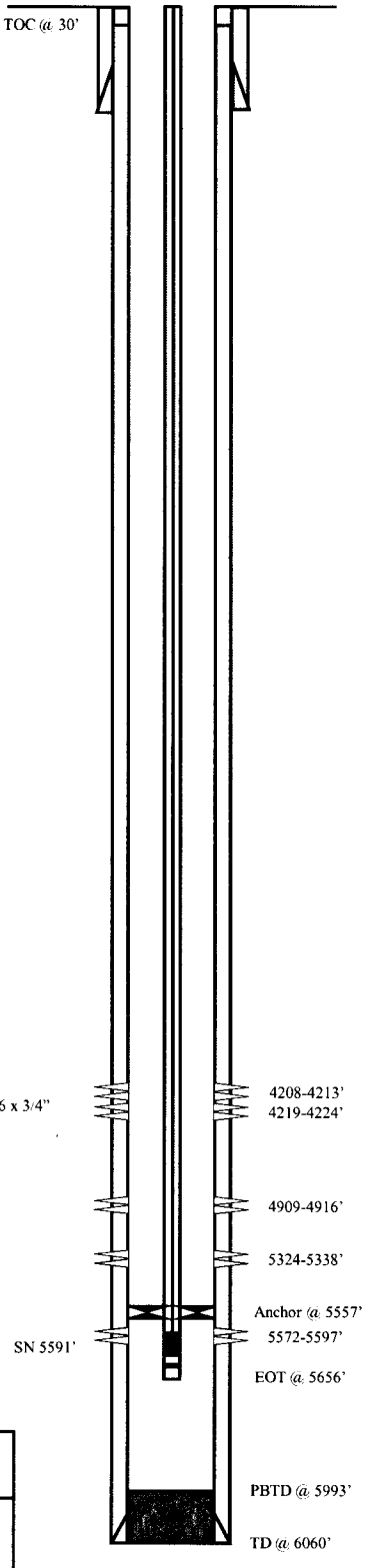
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts (6040.28')
DEPTH LANDED: 6038.28'
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Premlite II & 450 sxs 50/50 POZ.
CEMENT TOP: 30' per CBL 10/11/06

TUBING (KS 10/20/06)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176jts (5544.87')
TUBING ANCHOR: 5556.87'
NO. OF JOINTS: 1jt (31.56')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5591.23'
NO. OF JOINTS: 2jts (63.04')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5655.82'

SUCKER RODS (KS 10/20/06)

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4', 8' x ¾" Pony Rods, 100 x 3/4" Guided Rods, 106 x 3/4" Plain Rods, 10 x 3/4" Guided Rods, 6 x 1-½" Weight Bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 15.5' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 3
PUMPING UNIT: DARCO C-228-213-86



FRAC JOB

10/16/06	5572-5597'	**Frac CP1 sands as follows:** 90,054# 20/40 sand in 666 bbls Lightning 17 frac fluid. Treated @ avg press of 1764 psi w/avg rate of 25 BPM. ISIP 2180 psi. Calc flush: 5570 gal. Actual flush: 5040 gal.
10/16/06	5324-5338'	**Frac LODC sands as follows:** 74829# 20/40 sand in 575 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 5322 gal. Actual flush: 4788 gal.
10/16/06	4909-4916'	**Frac B1 sands as follows:** 24,379# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.6 BPM. ISIP 1930 psi. Calc flush: 4907 gal. Actual flush: 4368 gal.
10/16/06	4208-4224'	**Frac GB6 sands as follows:** 25,861# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 24.9 BPM. ISIP 1775 psi. Calc flush: 4206 gal. Actual flush: 4116 gal.

PERFORATION RECORD

10/16/06	5572-5597'	4 JSPF	100 holes
10/16/06	5324-5338'	4 JSPF	56 holes
10/16/06	4909-4916'	4 JSPF	28 holes
10/16/06	4219-4224'	4 JSPF	20 holes
10/16/06	4208-4213'	4 JSPF	20 holes

NEWFIELD

FEDERAL 10-17-9-16

2102'FSL & 2117' FEL

NW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33033; Lease #UTU-52018

KS 10/2/12

ATTACHMENT E-3

Federal 11-17-9-16

Spud Date: 08/21/06
Put on Production: 09/28/06

K.B.: 6013' G.L.: 6001'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.79')
DEPTH LANDED: 322.64' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G", circ. 6 bbls to surf.

PRODUCTION CASING

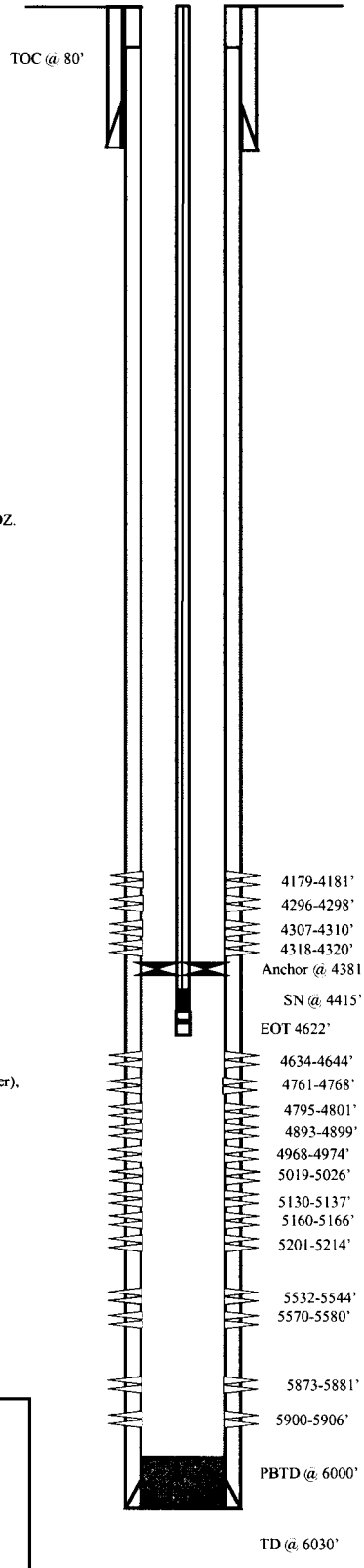
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6008.45')
DEPTH LANDED: 6021.70' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 80' per CBL 9/13/06

TUBING (GI 3/3/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 138 jts (4368.76')
TUBING ANCHOR: 4380.76'
NO. OF JOINTS: 1 jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4414.86'
NO. OF JOINTS: 1 jts (31.7')
GAS ANCHOR: 4447.66'
2 7/8" NIPPLE: 4462.66'
NO. OF JOINTS: 5 jts (158.7')
BULL PLUG: 2-7/8" (0.8')
TOTAL STRING LENGTH: EOT @ 4622.36'

SUCKER RODS (GI 3/3/11)

POLISHED ROD: 1 1/2" x 26'
SUCKER RODS: 2', 8' x 3/4" pony rods, 75 x 7/8" guided rods(4per), 93 x 3/4" guided rods(4per), 6 x 1-½" sinker rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RTBC
STROKE LENGTH: 86"
PUMP SPEED, SPM: .8
PUMPING UNIT: DARCO C-228-213-86



FRAC JOB

09/19/06	5873-5906'	**Frac CP5 sands as follows:** 30146# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 25.3 BPM. ISIP 2450 psi. Calc flush: 5904 gal. Actual flush: 5376 gal.
09/19/06	5532-5580'	**Frac CP1, CP.5 sands as follows:** 55661# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25.3 BPM. ISIP 1975 psi. Calc flush: 5578 gal. Actual flush: 5040 gal.
09/19/06	5130-5214'	**Frac LODC sands as follows:** 90266# 20/40 sand in 656 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 25.2 BPM. ISIP 2375 psi. Calc flush: 5212 gal. Actual flush4662 gal.
09/20/06	4893-5026'	**Frac A1, A.5, B2 sands as follows:** 60197# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5024 gal. Actual flush: 4410 gal.
09/20/06	4761-4801'	**Frac B.5, C sands as follows:** 50215# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 28.2 BPM. ISIP 2475 psi. Calc flush: 4799 gal. Actual flush 4284 gal.
09/20/06	4634-4644'	**Frac D1 sands as follows:** 28453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2311 psi w/avg rate of 14.4 BPM. ISIP 2900 psi. Calc flush: 4642 gal. Actual flush: 4436 gal.
7/25/07		**Pump change**. Updated rod & tubing details.
10/09/08		**Pump Change**. Rod & tubing updated.
10/8/09		**Tubing Leak**. Updated rod & tubing details.
12/6/10	4179-4320'	**Frac PB8 & GB6 sands as follows:** 68964# 20/40 sand in 426 bbls Lighting 17 fluid.
12/11/10		**Re-Completion finalized** – update rod & tbg detail.
1/12/2011		Tubing Leak. Update rod and tubing detials
03/04/11		Stuck Pump. Rod & tubing details updated.

PERFORATION RECORD

09/13/06	5900-5906'	4 JSPF	24 holes
09/13/06	5873-5881'	4 JSPF	32 holes
09/19/06	5570-5580'	4 JSPF	40 holes
09/19/06	5532-5544'	4 JSPF	48 holes
09/19/06	5201-5214'	4 JSPF	52 holes
09/19/06	5160-5166'	4 JSPF	24 holes
09/19/06	5130-5137'	4 JSPF	28 holes
09/19/06	5019-5026'	4 JSPF	28 holes
09/19/06	4968-4974'	4 JSPF	24 holes
09/19/06	4893-4899'	4 JSPF	24 holes
09/20/06	4795-4801'	4 JSPF	24 holes
09/20/06	4761-4768'	4 JSPF	28 holes
09/20/06	4634-4644'	4 JSPF	40 holes
12/6/10	4318-4320'	3 JSPF	6 holes
12/6/10	4307-4310'	3 JSPF	9 holes
12/6/10	4296-4298'	3 JSPF	6 holes
12/6/10	4179-4181'	3 JSPF	6 holes

NEWFIELD

Federal 11-17-9-16

2022' FSL & 1854' FWL

NE/SW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33034; Lease #UTU-52018

TW 07/27/11

Attachment E-4

NEWFIELD

Schematic

43-013-33035

Well Name: Federal 12-17-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
17-9S-16E	43013330350000	500155832		Utah	GMBU CTB3	DUCHESNE

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
		9/19/2006				Original Hole - 5,979.9

Most Recent Job

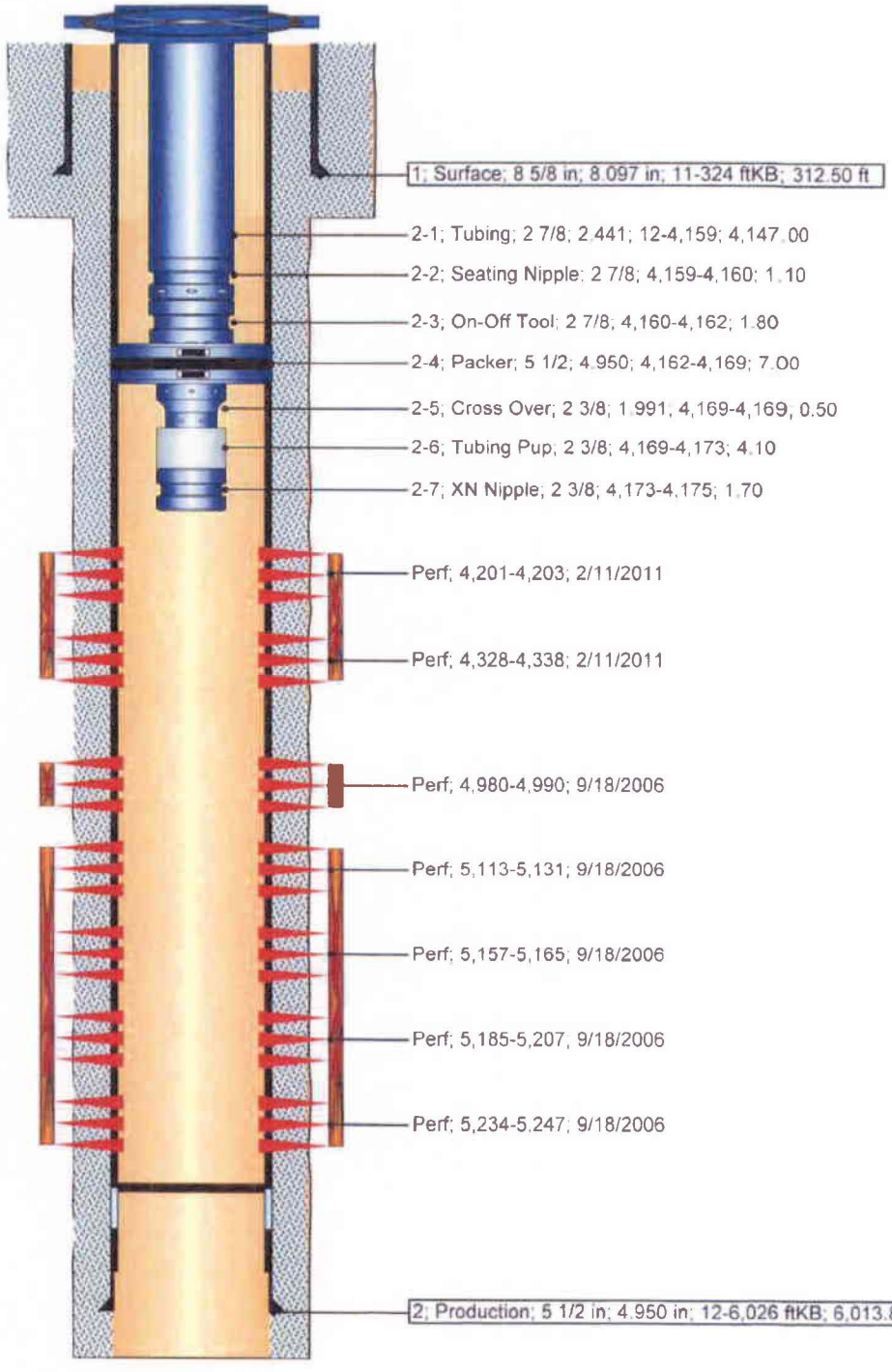
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	Basic	2/10/2014	2/13/2014

TD: 6,050.0

Vertical - Original Hole, 8/19/2014 11:46:21 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS (°... 0——2)
11.2	11.2	0.0	
12.1	12.1	0.0	
190.0	190.0	0.2	
322.5	322.5	0.5	
323.5	323.5	0.5	
332.0	332.0	0.5	
4,159.1	4,158.4	1.9	
4,160.1	4,159.4	1.9	
4,161.7	4,161.1	1.9	
4,169.0	4,168.3	1.9	
4,169.3	4,168.6	1.9	
4,173.6	4,172.9	2.0	
4,175.2	4,174.5	2.0	
4,201.1	4,200.4	2.2	
4,203.1	4,202.4	2.2	
4,328.1	4,327.3	1.6	
4,337.9	4,337.1	1.6	
4,500.0	4,499.1	1.8	
4,980.0	4,978.8	2.2	
4,990.2	4,988.9	2.2	
5,112.9	5,111.6	1.6	
5,130.9	5,129.6	1.5	
5,157.2	5,155.9	1.5	
5,165.0	5,163.7	1.6	
5,185.0	5,183.7	1.6	
5,207.0	5,205.7	1.6	
5,233.9	5,232.6	1.6	
5,247.0	5,245.7	1.5	
5,980.0	5,977.8	3.2	
5,980.6	5,978.4	3.2	
6,025.3	6,023.0	3.2	
6,025.9	6,023.6	3.2	
6,049.9	6,047.5	3.2	

Vertical schematic (actual)



ATTACHMENT E-5

Federal 13-17-9-16

Spud Date: 8-3-06

Put on Production: 9-14-06

GL: 6049' KB: 6061'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (310.19')

DEPTH LANDED: 322.04' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5969.67')

DEPTH LANDED: 5982.92' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TUBING PUP: 1 jt (6.0')

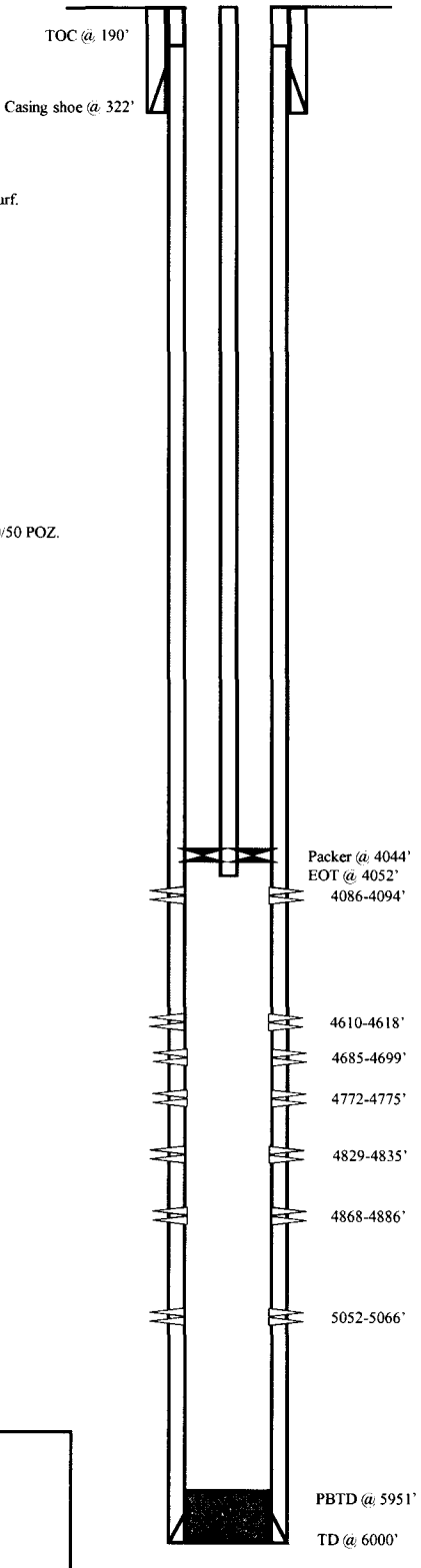
NO. OF JOINTS: 127jts (5026')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4043.2' KB

PACKER: 4044.3'

TOTAL STRING LENGTH: EOT @ 4052' KB



FRAC JOB

09-08-06	5052-5066'	**Frac A3 sands as follows:** 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.
09-08-06	4829-4886'	**Frac B2, & B1 sands as follows:** 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.
09-08-06	4610-4699'	**Frac D2, & D1 sands as follows:** 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.
09-08-06	4086-4094'	**Frac GB4 sands as follows:** 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.
1-10-08		**Pump Change**. Updated rod &tubing details.
04/04/11		**Tubing leak**. Rod & tubing updated.
05/08/12	4772-4775'	**Frac C sands a follows:** 23718# 20/40 sand in 309 bbls Lighting 17 frac fluid.
05/11/12		**Convert to Injection Well**
05/15/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes
05/07/12	4772-4775'	3 JSPF	9 holes

NEWFIELD

Federal 13-17-9-16

746' FSL & 842' FWL

SW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33036; Lease # UTU-52018

LCN 05/24/12

ATTACHMENT E-6

Federal 15-17-9-16

Spud Date: 08/18/06

Put on Production: 10/13/06

K.B.: 6000, G.L5988

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (310.18')

DEPTH LANDED: 322.03' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5986.81')

DEPTH LANDED: 6000.06' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 126 jts (3982.6')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3994.6' KB

ON/OFF TOOL AT: 3995.7'

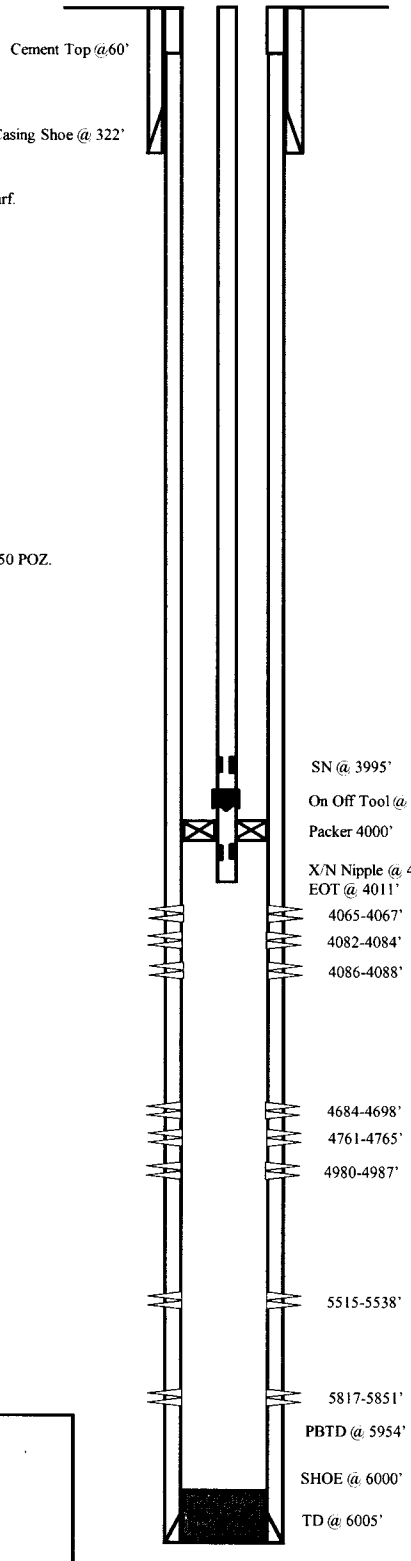
ARROW #1 PACKER CE AT: 4000'

XO 2-3/8 x 2-7/8 J-55 AT: 4004.7'

TBG PUP 2-3/8 J-55 AT: 4005.2'

X/N NIPPLE AT: 4009.4'

TOTAL STRING LENGTH: EOT @ 4011'



FRAC JOB

10/10/06	5817-5851'	**Frac CP5 sands as follows:** 89648# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate 25.3 BPM. ISIP 2250 psi. Calc flush: 5849 gal. Actual flush: 5309 gal.
10/10/06	5515-5538'	**Frac CP1 sands as follows:** 60364# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 1727 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 5536 gal. Actual flush: 4998 gal.
10/11/06	4980-4987'	**Frac A.5 sands as follows:** 29934# 20/40 sand 393 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25 BPM. ISIP 2500 psi. Calc flush: 4985 gal. Actual flush: 4473 gal.
10/11/06	4684-4698'	**Frac D3 sands as follows:** 87753# 20/40 sand in 610 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4696 gal. Actual flush:4578 gal.
11/30/06		**Pump Change-** Updated rod and tubing detail
05/02/08		**Stuck Pump** - Tubing detail updated.
3/19/10		**Pump change**. Updated rod and tubing detail.
11/24/2011		**Pump Change.** Updated rod & tubing detail.
10/11/12	4761-4765'	**Frac C sands as follows:** 32336# 20/40 sand in 409 bbls Lightning 17 frac fluid.
10/12/12	4065-4088'	**Frac GB4 sands as follows:** 30940# 20/40 sand in 340 bbls Lightning 17 frac fluid.
10/15/12		**Convert to Injection Well**
10/18/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

10/05/06	5817-5851'	2 JSPF	68 holes
10/10/06	5515-5538'	4 JSPF	92 holes
10/11/06	4980-4987'	4 JSPF	28 holes
10/11/06	4684-4698'	4 JSPF	56 holes
10/09/12	4761-4765'	3 JSPF	12 holes
10/09/12	4086-4088'	3 JSPF	6 holes
10/09/12	4082-4084'	3 JSPF	6 holes
10/09/12	4065-4067'	3 JSPF	62 holes

NEWFIELD

Federal 15-17-9-16

810' FSL & 1961' FEL

SW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33037; Lease #UTU-52018

LCN 10/22/12

NEWFIELD

Schematic

ATTACHMENT E-7

43-013-51581

Well Name: GMBU N-17-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SENW 1965 FNL 2048 FWL Sec 17 T9S R16E Mer SLB	43013515810000	500335182	UTU74390	Utah	GMBU CTB3	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
8/16/2013	9/2/2013	10/4/2013	6,016	6,006		Original Hole - 6,239.0

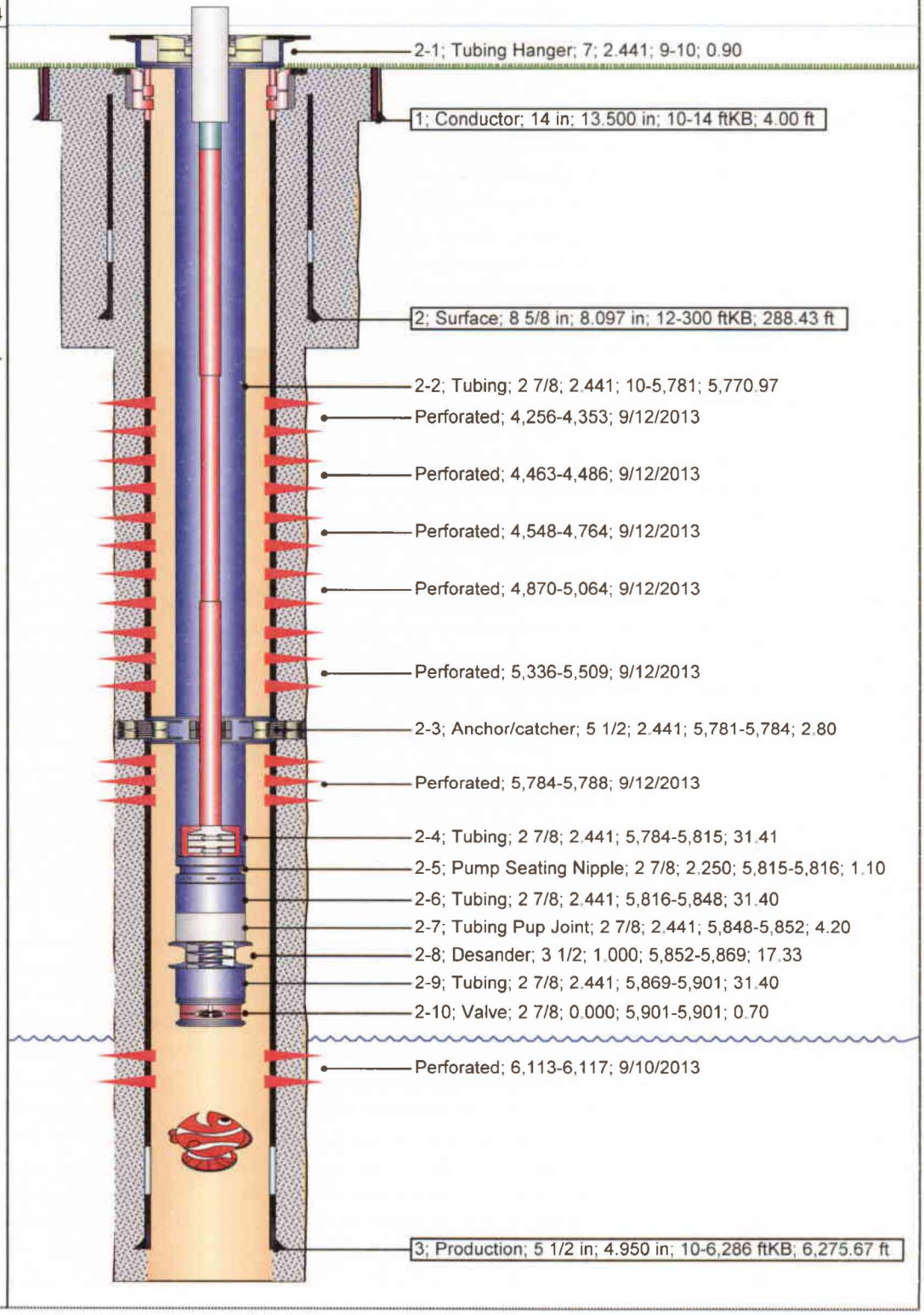
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	9/10/2013	10/17/2013

TD: 6,295.0 Slant - <des>, 1/22/2014 6:34:01 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS
-15.7			DLS (°...
9.2			0 — 4
9.8			
11.5			
14.1			
16.1			
50.9			
255.9			
256.6			
257.2			
298.6			
299.9			
306.1			
1,916.3			
4,255.9			
4,353.0			
4,462.9			
4,485.9			
4,547.9			
4,764.1			
4,870.1			
5,041.3			
5,064.0			
5,336.0			
5,508.9			
5,780.8			
5,783.8			
5,784.1			
5,788.1			
5,791.3			
5,815.3			
5,816.3			
5,847.8			
5,851.7			
5,869.1			
5,900.6			
5,901.2			
6,112.9			
6,117.1			
6,132.9			
6,238.5			
6,238.8			
6,240.5			
6,284.8			
6,285.8			
6,294.9			

Vertical schematic (actual)



FEDERAL 16-18-9-16

Spud Date: 06 27 07

Put on Production: 09 13-07

GL: 6111' KB: 6123'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (305.53')

DEPTH LANDED: 317.38' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15 5#

LENGTH: 139 jts. (6028.19')

DEPTH LANDED: 6041.44' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP: 70'

TUBING

SIZE GRADE WT 2-7 8" J-55 6.5#

NO OF JOINTS 146 jts (4603')

SEATING NIPPLE 2-7 8" (1 10')

SN LANDED AT 4615' KB

ON OFF TOOL AT 4616 1'

ARROW #1 PACKER CE AT 4621 06

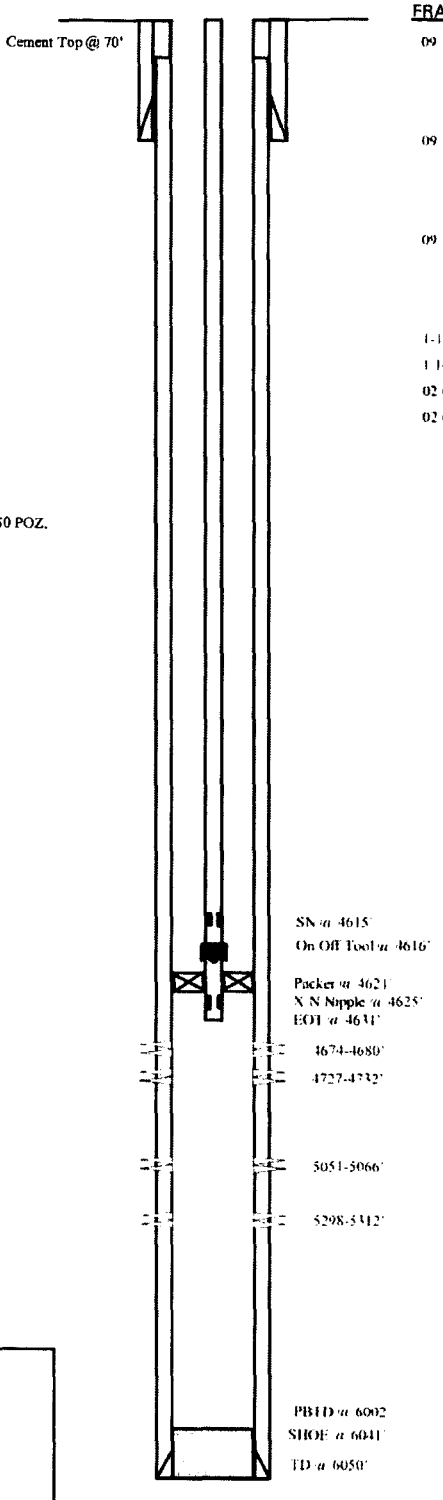
XO 2-3 8 x 2-7 8 J-55 AT 4624 8'

TBG PUP 2-3 8 J-55 AT 4625 3'

X N NIPPLE AT 4629 4

TOTAL STRING LENGTH EOT @ 4631 05'

Injection Wellbore Diagram



FRAC JOB

09 10 07	5298-5312'	**Frac LODC sands as follows:** 49689# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 24.7 BPM. ISIP 2376 psi Calc flush5702 gal. Actual flush: 4830 gal.
09 10 07	5051-5066	**Frac A1 sands as follows:** 79844# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 24 8 BPM. ISIP 2400 psi. Calc flush: 4999 gal. Actual flush: 4578 gal.
09 12 07	4674-4732'	**Frac D2 & D1 sands as follows:** 31828# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 24.8 BPM. ISIP 1974 psi. Calc flush: 4672 gal. Actual flush: 4578 gal.
1-10-08		**Pump Change.** Updated rod &tubing details.
1 14 09		**Pump Change.** Updated rod &tubing details.
02 07 14		**Convert to Injection Well**
02 07 14		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

09 11 07	5298-5312'	4 JSPF	56 holes
09 11 07	5051-5066'	4 JSPF	60 holes
09 11 07	4727-4732'	4 JSPF	20 holes
09 11 07	4674-4680'	4 JSPF	24 holes

NEWFIELD

FEDERAL 16-18-9-16

964'FSL & 297' FEL

SE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32922; Lease # UTU-64379

LCN 02/13/14

ATTACHMENT E-9

Federal 1-19-9-16

Spud Date: 7-25-07

Put on Production: 09-11-07

GL: 6123' KB: 6135'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (295.87')

DEPTH LANDED: 306.47' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (5969.80')

DEPTH LANDED: 5983.05' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 126 jts (3967.2')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3979.2' KB

ON/OFF TOOL AT: 3980.3'

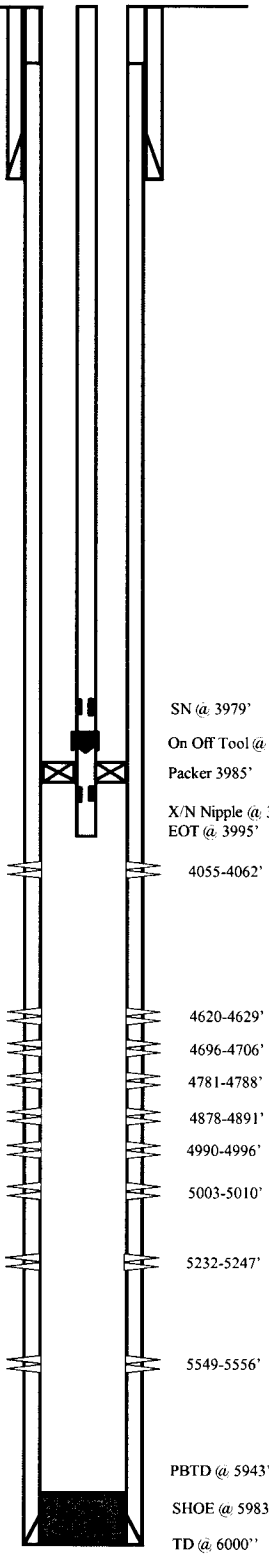
ARROW #1 PACKER CE AT: 3985'

XO 2-3/8 x 2-7/8 J-55 AT: 3989.1'

TBG PUP 2-3/8 J-55 AT: 3989.6'

X/N NIPPLE AT: 3993.7'

TOTAL STRING LENGTH: EOT @ 3995'



FRAC JOB

09-05-07	5549-5556'	**Frac CP1 sands as follows:** 15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.
09-05-07	5232-5247'	**Frac LODC sands as follows:** 50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.
09-05-07	4990-5010'	**Frac A1 sands as follows:** 20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.
09-05-07	4878-4891'	**Frac B2 sand as follows:** 49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/ avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.
09-06-07	4781-4788'	**Frac C sand as follows:** 19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/ avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.
09-06-07	4696-4706'	**Frac D2 sand as follows:** 40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/ avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.
09-06-07	4620-4629'	**Frac D1 sand as follows:** 30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/ avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.
09-06-07	4055-4062'	**Frac GB2 sand as follows:** 22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/ avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.
09/25/12		**Convert to Injection Well**
09/27/12		**Conversion MIT Finalized** –update tbg detail

PERFORATION RECORD

08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes

NEWFIELD

Federal 1-19-9-16

688' FNL & 355' FEL

NE/NE Section 19-T9S-R16E

Duchesne Co, Utah

API # 43-013-33062; Lease # UTU-64379

LCN 10/01/12

ATTACHMENT E-10

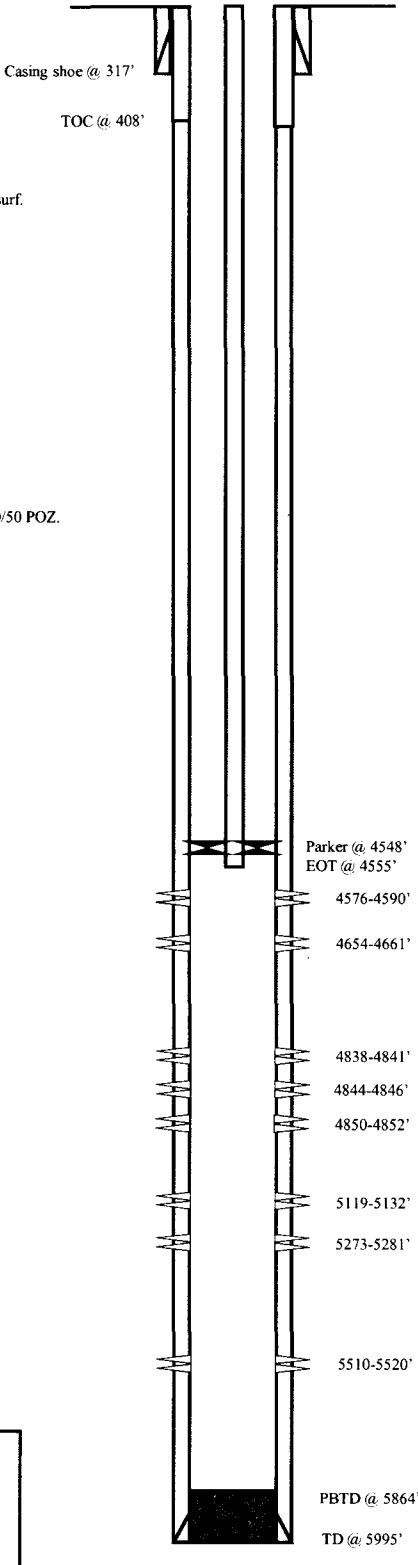
Federal 3-20-9-16

Spud Date: 5-23-07

Put on Production: 8-10-07

GL: 6063' KB: 6075'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (304.72')

DEPTH LANDED: 316.57' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 156 jts. (5962.76')

DEPTH LANDED: 5976.01' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 408'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 144 jts (4529.6')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4541.6' KB

ON/OFF TOOL AT: 4542.7'

PACKER CE @ 4547.8'

XO AT: 4548.9'

TBG PUP 2-3/8" J-55 AT: 4549.4'

XN NIPPLE AT: 4553.6'

TOTAL STRING LENGTH: EOT @ 4555' KB

FRAC JOB

08-07-07	5510-5520'	**Frac CP1 sands as follows:** 28247# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2334 psi w/avg rate of 24.8 BPM. ISIP 2280 psi. Calc flush: 5508 gal. Actual flush: 5040 gal.
08-07-07	5273-5281'	**Frac LODC sands as follows:** 14530# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5271 gal. Actual flush: 4788 gal.
08-07-07	5119-5132'	**Frac LODC sands as follows:** 45312# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 26.2 BPM. ISIP 1900 psi. Calc flush: 5117 gal. Actual flush: 4578 gal.
08-07-07	4654-4661'	**Frac D2 sand as follows:** 25097# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 w/ avg rate of 24.8 BPM. ISIP 1760 psi. Calc flush: 4652 gal. Actual flush: 4200 gal.
08-07-07	4576-4590'	**Frac D1 sand as follows:** 77698# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1939 w/ avg rate of 24.8 BPM. ISIP 2122 psi. Calc flush: 4574 gal. Actual flush: 4536 gal.
08/16/07		**Pump Change.** Rod & Tubing detail updated.
12/30/08		**Pump Change.** Updated r & t details.
8/20/09		**Pump Maintenance.** Updated rod & tubing detail.
11-09-10	4838-4852'	**Frac B2 sands as follows:** 48449# 20/40 sand in 430 bbls Lighting 17 fluid.
11-11-10		**Re-Completion** – updated details
08/15/12		**Convert to Injection Well**
08/17/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

08-01-07	5510-5520'	4 JSPF	40 holes
08-07-07	5273-5281'	4 JSPF	32 holes
08-07-07	5119-5132'	4 JSPF	52 holes
08-07-07	4654-4661'	4 JSPF	28 holes
08-07-07	4576-4590'	4 JSPF	56 holes
11-09-10	4850-4852'	3 JSPF	6 holes
11-09-10	4844-4846'	3 JSPF	6 holes
11-09-10	4838-4841'	3 JSPF	9 holes

NEWFIELD

Federal 3-20-9-16

785' FNL & 1826' FWL

NE/NW Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33067; Lease # UTU-52018

LCN 08/20/12

Put on Production: 09/11/1996
K.B.: 6107' G.L.: 6097'

Monument Federal 22-20-9-16

Injection Wellbore Diagram

SURFACE CASING

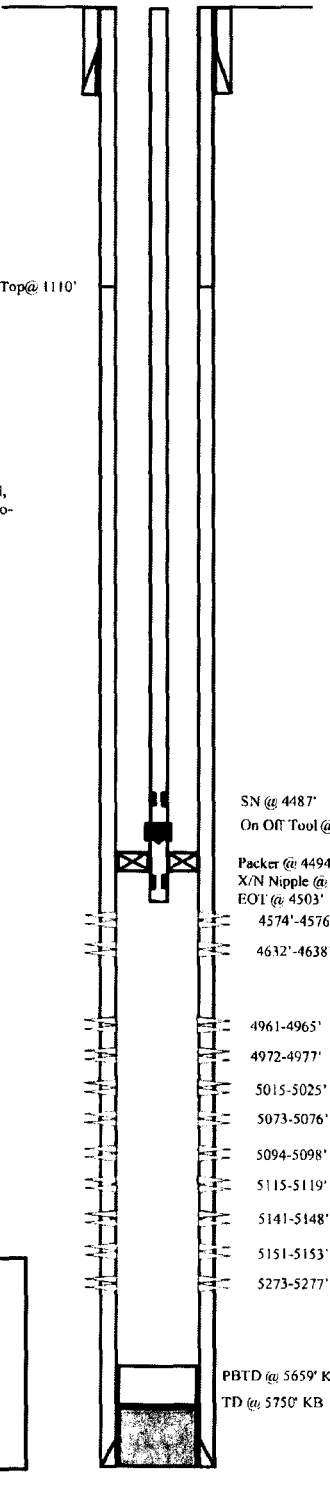
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (253.07')
DEPTH LANDED: 263.07' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: (5696.5')
DEPTH LANDED: 5706.5'
HOLE SIZE: 7-7/8"
CEMENT DATA: 181 sks super "G", 3% salt, 2% gel, 2#/sk Kol-seal, 1/4#/sk Cello-flake, Tail w/ 400 sks 50/50 POZ, 2% gel, 1/4#/sk Cello-flake, 2#/sk Kol-seal
CEMENT TOP AT: 1110'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 143 jts (4477.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4487.4' KB
ON/OFF TOOL AT: 4488.5'
"X" SEAL NIPPLE 1.875" @ 4490'
ARROW #1 PACKER CE AT: 4493.62'
XO 2-3/8 x 2-7/8 J-55 AT: 4497.3'
TBG PUP 2-3/8 J-55 AT: 4497.8'
X/N NIPPLE AT: 4501.8'
TOTAL STRING LENGTH: EOT @ 4503.4'



ACID JOB /BREAKDOWN

8/20/96	5273'-5277'	BJ Services: 2058 gal 2% KCL water w/ 32 ball sealers Ball action but no ball off. ATP= 3000 psi, ATR= 3.5 bpm, ISIP= 1920 psi
8/22/96	4961'-4965' 4972'-4977'	BJ Services: 1806 gal 2% KCL water w/ 28 ball sealers Balled off. ATP= 2200 psi, ATR= 4.0 bpm, ISIP= 1500 psi
8/22/96	5015'-5025'	BJ Services: 2100 gal 2% KCL water w/ 40 ball sealers Balled off. ATP= 2600 psi, ATR= 3.6 bpm, ISIP= 1500 psi
8/22/96	5073'-5076' 5094'-5098' 5115'-5119'	BJ Services: 2394 gal 2% KCL water w/ 44 ball sealers Balled off. ATP= 2500 psi, ATR= 4.0 bpm, ISIP= 1300 psi
8/22/96	5141'-5148' 5151'-5153'	BJ Services: 2436 gal 2% KCL w water w/ 36 ball sealers. Balled off. ATP= 3600 psi, ATR= 3.4 bpm, ISIP= 2100 psi
8/29/96	4574'-4576'	BJ Services: 1554 gal 2% KCL water w/ 8 ball sealers Balled off. ATP= 2700 psi, ATR= 4.2 bpm, ISIP= 1550 psi
8/29/96	4632'-4638'	BJ Services: 1722 gal 2% KCL water w/ 20 ball sealers Ball action but no ball off. ATP= 3000 psi, ATR= 3.6 bpm, ISIP= 1400 psi

FRAC JOB

8/21/96	5273'-5277'	BJ Services: 11,214 gal 2% KCL water w/ 5700# 20/40 sand & 10,000# 16/30 sand ATP= 3500 psi, ATR= 19.8 bpm, ISIP= 2430 psi, 5 min= 2150 psi, 10 min= 2090 psi, 15 min= 2020 psi, 30 min= 1910 psi.
8/23/96	4961'-5153'	BJ Services: 52,626 gal 2% KCL water w/ 52,200# 20/40 sand & 119,780# 16/30 sand ATP= 2800 psi, ATR= 55.8 bpm, ISIP= 2110 psi, 5 min= 1756 psi, 10 min= 1630 psi, 15 min= 1560 psi, 30 min= 1450 psi.
8/30/96	4574'-4576' 4632'-4638'	BJ Services: 13,398 gal 2% KCL water w/ 36,400# 16/30 sand. ATP= 3500 psi, ATR= 29.8 bpm, ISIP= 1870 psi, 5 min= 1600 psi, 10 min= 1430 psi, 15 min= 1330 psi, 30 min= 1090 psi.
02/04/14		**Convert to Injection Well**
02/05/14		**Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

8/20/96	Schlumberger	5273'-5277'	4 SPF
8/22/96	Schlumberger	4961'-4965'	2 SPF
		4972'-4977'	2 SPF
		5015'-5025'	2 SPF
		5073'-5076'	2 SPF
		5094'-5098'	2 SPF
		5115'-5119'	2 SPF
		5141'-5148'	2 SPF
		5151'-5153'	2 SPF
8/29/96	Schlumberger	4574'-4576'	4 Holes
		4632'-4638'	10 Holes

NEWFIELD

Monument Federal 22-20-9-16
1980' FNL & 1980' FWL
SE/NW Section 20-T9S-R16E
Duchesne Co, Utah
API #43-013-31681; Lease #UTU-52018

ECN 02/13/14

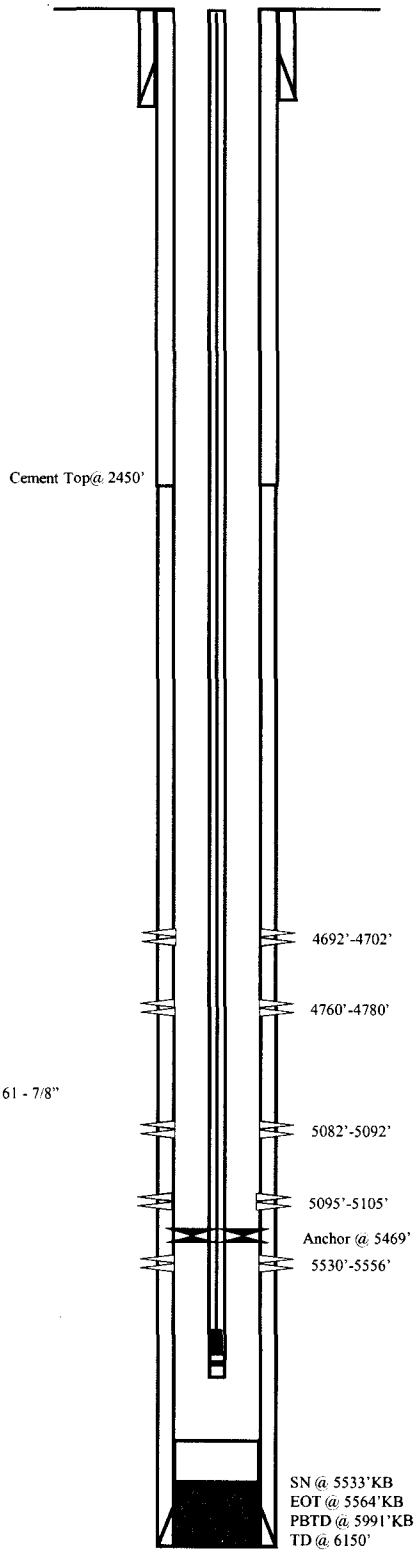
ATTACHMENT E-12

NGC Fed. 31-20G-9-16

Spud Date: 1/04/85
Put on Production: 4/08/85
GL: 6051' KB: 6063'

Initial Production: 88 BOPD, 62 MCFPD, 21 BWPD

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT:24#
LENGTH: 7 jts. (319.75')
DEPTH LANDED: 319'
HOLE SIZE:12-1/4"
CEMENT DATA: 250 sxs Class "H"

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 LT&C / 15.5#
LENGTH: 74 jts.
CSG SIZE: 5-1/2" / K-55 / 15.5#
LENGTH: 74 jts.
DEPTH LANDED: 6118'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs Lite, tail w/ 570 sxs Class "H"
CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
NO. OF JOINTS: 172 jts. (5457.93')
TUBING ANCHOR: 5469.93' KB
NO. OF JOINTS: 2 jts. (62.00')
SN LANDED AT: 1.10' x 2 7/8" (5533.03') KB
NO. OF JOINTS: 1 jt. (31.90')
TOTAL STRING LENGTH: 5564.93' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
SUCKER RODS: 4 - 1-1/2" weight rods, 154 - 3/4" slick rods, 61 - 7/8" guided rods, 1-4', 1-6', 1-10' x 7/8" pony rods..
PUMP SIZE: 2-1/2" x 1-1/2' x 16' RHAC
STROKE LENGTH:
PUMP SPEED:
LOGS: DIL, LDT-CNL, EPT, LSS, GR, SP, ABCL, CBL

FRAC JOB

3/10/85	**5530'-5556'**	**Frac zone as follows:** 120,000# 20/40 sand + 30,000# 12/20 sand in 1263 bbl gel. Average treating pressure 2800 psi at 20 BPM. ISIP 2500 psi. Calc. flush: 5530 gal. Actual flush: 3654 gal. **3/10/85**
3/17/85	**4760'-4780'**	**Frac zone as follows:** 45,000# 20/40 sand + 12,135# 12/20 sand in 1112 bbl gel. Average treating pressure 3100 psi at 20 BPM. ISIP 1800 psi. Calc. flush: 4760 gal. Actual flush: 1260 gal.
3/26/85	**4692'-4702'**	**Frac zone as follows:** 32,000# 20/40 sand + 14,000# 12/20 sand in 581 bbl gel. Average treating pressure 3200 psi at 25 BPM. ISIP 2000 psi. Calc. flush: 4692 gal. Actual flush: 3444 gal.
1/31/98	**5082'-5105'**	**Frac zone as follows:** 120,000# 20/40 sand in 489 bbl gel. Average treating pressure 6600 psi at 24.8 BPM. ISIP 4693 psi. Calc. flush: 1317 gal. Actual flush: 1737 gal.

PERFORATION RECORD

3/02/85	5530'-5556'	4 SPF	104 holes
3/13/85	4764'-4780'	4 SPF	64 holes
3/15/85	4760'-4780'	4 SPF	80 holes
3/23/85	4692'-4702'	4 SPF	40 holes
1/30/98	5082'-5092'	4 SPF	40 holes
1/30/98	5095'-5105'	4 SPF	40 holes

NEWFIELD

NGC Fed. #31-20G-9-16
540' FNL & 1944' FEL
NWNE Section 20-T9S-R16E
Duchesne Co, Utah
API #43-013-31071; Lease #U-52018

BDH 3/06/02

ATTACHMENT E-13

West Point 6-17-9-16

Spud Date: 4/11/02

Put on Production: 8/12/02

GL: 6005' KB: 6015'

Initial Production: 52 BOPD, 52 MCFD, 14 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts (298.85')

DEPTH LANDED: 306.85'

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, circ 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 131jts (5853.63')

DEPTH LANDED: 5851.23'

HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sxs Premlite II & 450 sxs 50/50 POZ.

CEMENT TOP AT: 610' per CBL 8/5/02

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 128 jts (4148.2')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4158.2' KB

ON/OFF TOOL AT: 4159.3'

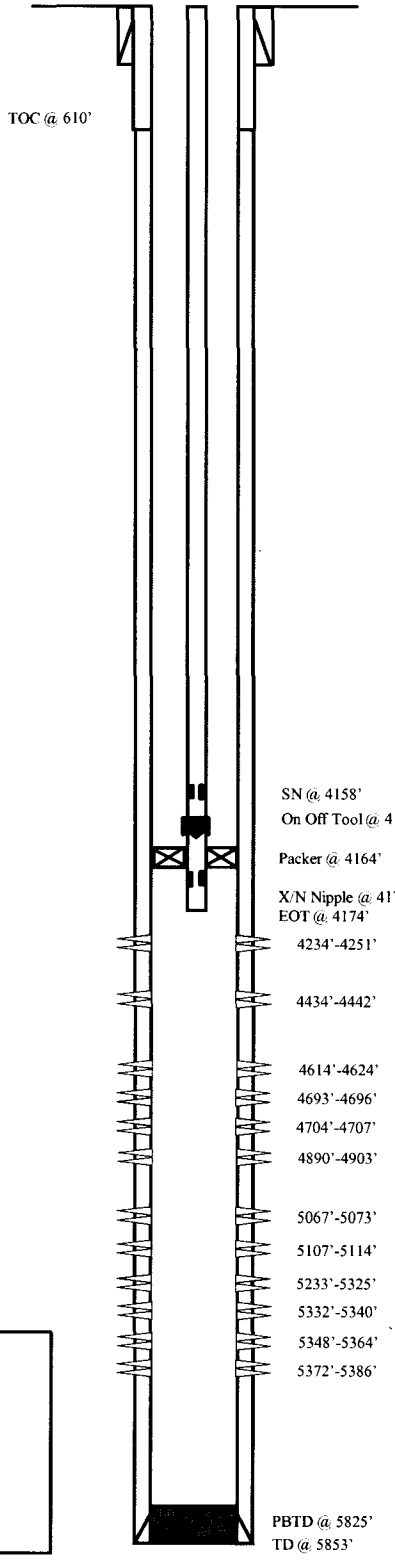
ARROW #1 PACKER CE AT: 4164.5'

XO 2-3/8 x 2-7/8 J-55 AT: 4168.2'

TBG PUP 2-3/8 J-55 AT: 4168.7'

X/N NIPPLE AT: 4172.8'

TOTAL STRING LENGTH: EOT @ 4174.4'



FRAC JOB

8/05/02	5233'-5386'	**Frac LODC sand as follows:** 199,413# 20/40 sand in 859 bbls Viking I-25 fluid. Treated @ avg press of 1657 psi w/avg rate of 25.5 BPM. ISIP 2250 psi. Calc flush: 5233 gal. Actual flush: 5166 gal.
8/05/02	4890'-5114'	**Frac B!, A1, A3 sands as follows:** 65,332# 20/40 sand in 280 bbls Viking I-25 fluid. Treated @ avg press of 1876 psi w/avg rate of 26.1 BPM. ISIP 2140 psi. Calc flush: 4890 gal. Actual flush: 4809 gal.
8/05/02	4614'-4707'	**Frac D1, DS2 sands as follows:** 43,479# 20/40 sand in 210 bbls Viking I-25 fluid. Treated @ avg press of 2458 psi w/avg rate of 22.4 BPM. ISIP 1940 psi. Calc flush: 4614 gal. Actual flush: 4536 gal.
8/06/02	4234'-4442'	**Frac GB6, PB10 sands as follows:** 49,565# 20/40 sand in 228 bbls Viking I-25 fluid. Treated @ avg press of 2234 psi w/avg rate of 24.5 BPM. ISIP 2150 psi. Calc flush: 4234 gal. Actual flush: 4116 gal.
10/7/02		**Pump change.** Update rod details.
8/24/04		**Parted Rods.** Update rod details.
07/07/05		**Parted Rods.** Update rod and tubing details
10/25/13		**Convert to Injection Well**
10/30/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

8/02/02	5372'-5386'	2 JSPF	28 holes
8/02/02	5348'-5364'	2 JSPF	32 holes
8/02/02	5332'-5340'	2 JSPF	16 holes
8/02/02	5233'-5325'	2 JSPF	184 holes
8/05/02	5107'-5114'	4 JSPF	28 holes
8/05/02	5067'-5073'	4 JSPF	24 holes
8/05/02	4890'-4903'	4 JSPF	52 holes
8/05/02	4704'-4707'	4 JSPF	12 holes
8/05/02	4693'-4696'	4 JSPF	12 holes
8/05/02	4614'-4624'	4 JSPF	40 holes
8/06/02	4434'-4442'	4 JSPF	32 holes
8/06/02	4234'-4251'	4 JSPF	68 holes

NEWFIELD

West Point 6-17-9-16
1984' FNL & 2050' FWL
SE NW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-32283; Lease #UTU-74390

LCN 10/31/13

NEWFIELD

Schematic

43-013-51564

Well Name: GMBU H-20-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNE 2110 FNL 1934 FEL Sec 20 T9S R16E Mer SLB	43013515640000	500335202	UTU52018	Utah	GMBU CTB3	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
12/7/2013	12/25/2013	1/25/2014	6,093	6,083	Original Hole - 6,090.9	Original Hole - 6,223.1

Most Recent Job

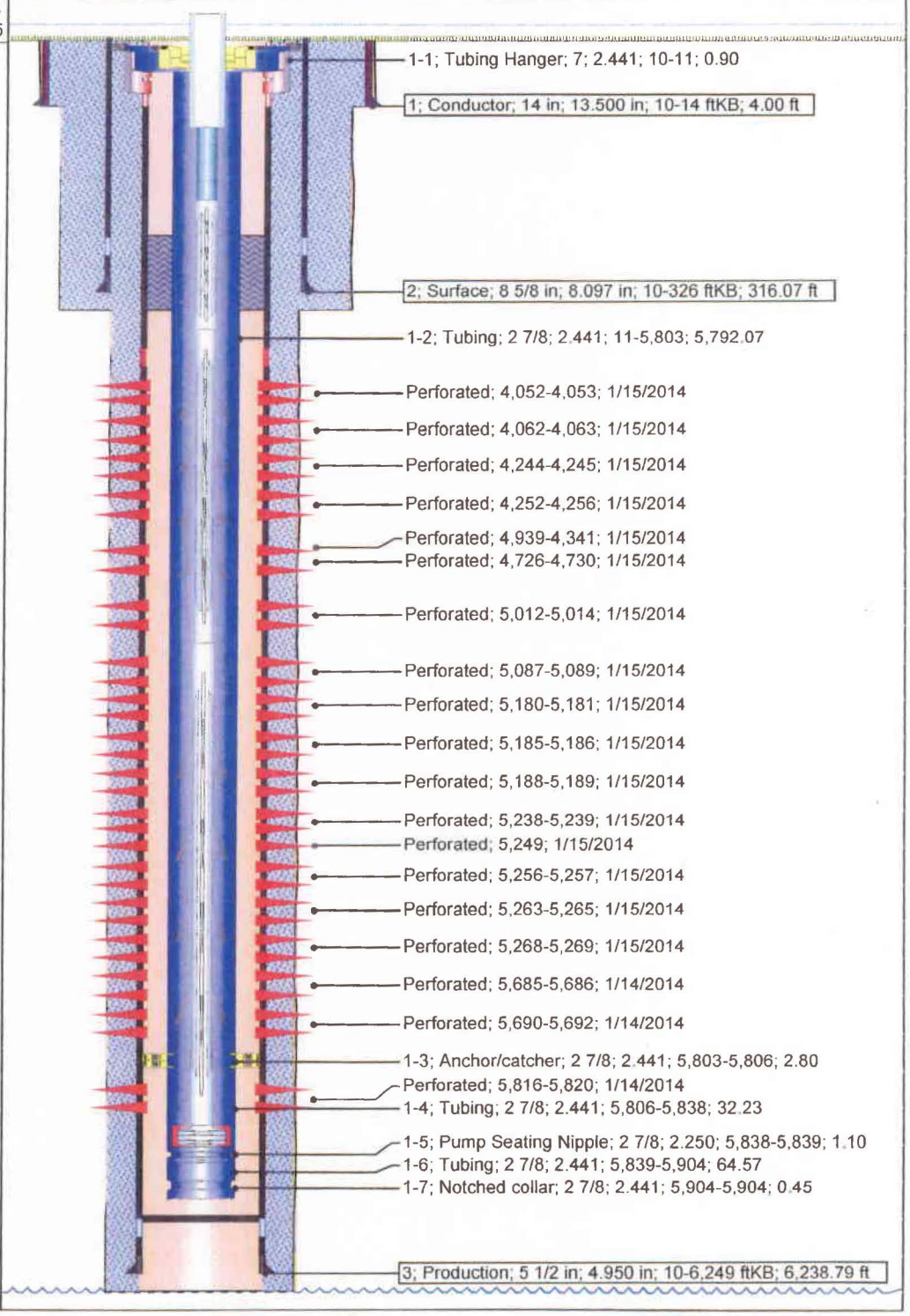
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	1/14/2014	1/22/2014

TD: 6,263.0

Slant - Original Hole, 3/3/2014 6:49:29 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS
			DLS (°...
9.8	9.8	0.4	0 — 5
10.8	10.8	0.4	
14.1	14.1	0.4	
18.4	18.4	0.4	
28.5	28.5	0.4	
55.1	55.1	0.4	
279.9	279.9	0.4	
326.1	326.1	0.4	
2,011.5	1,989.9	13.0	
3,608.6	3,523.0	15.9	
4,053.1	3,953.2	15.3	
4,063.0	3,962.7	15.4	
4,245.1	4,138.3	15.0	
4,255.9	4,148.8	15.0	
4,726.0	4,602.3	15.4	
4,939.0	4,807.7	15.6	
5,014.1	4,880.2	15.7	
5,086.9	4,950.4	15.4	
5,180.1	5,040.4	14.6	
5,185.0	5,045.1	14.7	
5,188.0	5,048.0	14.8	
5,237.9	5,096.1	15.6	
5,249.0	5,106.9	15.8	
5,256.9	5,114.4	16.0	
5,265.1	5,122.3	16.1	
5,269.0	5,126.1	16.2	
5,686.0	5,527.6	13.6	
5,691.9	5,533.4	13.7	
5,805.8	5,643.8	14.0	
5,819.9	5,657.5	14.1	
5,837.9	5,675.0	14.3	
5,903.9	5,738.9	14.5	
6,223.1	6,051.4	8.3	
6,247.0	6,075.1	7.9	
6,263.1	6,091.0	7.6	

Vertical schematic (actual)



Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
1055

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A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **MON 24-17-9-16**
Sample Point: **Well**
Sample Date: **11/4/2013**
Sample ID: **WA-257644**

Sales Rep: **Gary Peterson**
Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	**11/12/2013**
System Temperature 1 (°F):	**120**
System Pressure 1 (psig):	**60**
System Temperature 2 (°F):	**210**
System Pressure 2 (psig):	**60**
Calculated Density (g/ml):	**1.011**
pH:	**7.00**
Calculated TDS (mg/L):	**21080.00**
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	**0.00**
H_2S in Gas (%):	
H2S in Water (mg/L):	**5.00**

Analysis @ Properties in Sample Specifics			
Cations	***mg/L***	***Anions***	***mg/L***
Sodium (Na):	**6266.00**	Chloride (Cl):	**13000.00**
Potassium (K):	**173.00**	Sulfate (SO_4):	**597.00**
Magnesium (Mg):	**0.75**	Bicarbonate (HCO_3):	**1036.00**
Calcium (Ca):	**2.50**	Carbonate (CO_3):	
Strontium (Sr):	**1.66**	Acetic Acid (CH_3COO)	
Barium (Ba):	**0.15**	Propionic Acid (C_2H_5COO)	
Iron (Fe):	**1.20**	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	**0.00**	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	**0.00**	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	**0.03**	Silica (SiO_2):	**1.71**

Notes:
B=3.7 Al=0 Li=1.2

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum $CaSO_4 \cdot 2H_2O$		Celestite $SrSO_4$		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	1.35	0.63	0.98	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	1.31	0.62	0.90	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	1.27	0.62	0.83	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	1.23	0.62	0.75	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	1.20	0.61	0.67	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	1.17	0.61	0.59	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	1.15	0.61	0.51	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	1.13	0.61	0.43	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	1.12	0.60	0.35	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.03	0.01	1.12	0.60	0.27	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Multi-Chem Analytical Laboratory
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Vernal, UT 84078

ATTACHMENT F
2 of 5

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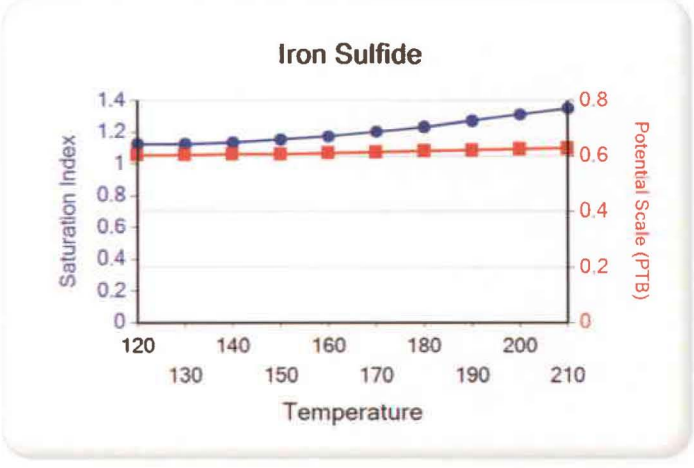
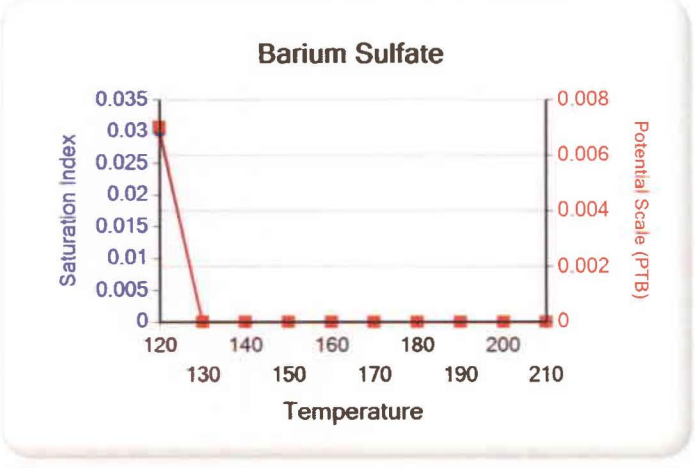
Water Analysis Report

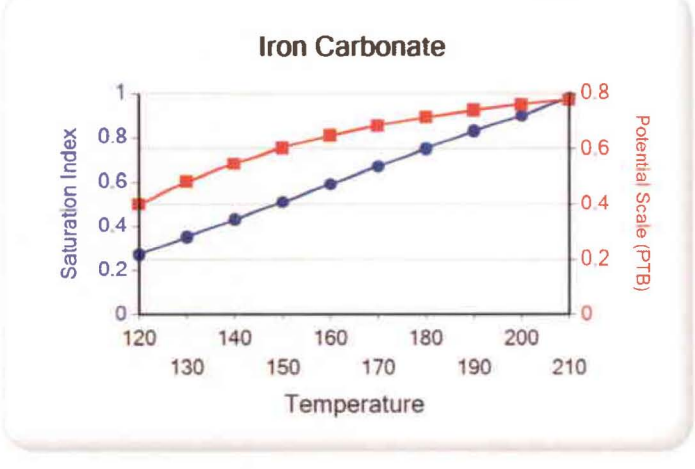
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.35
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.17
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Iron Sulfide Iron Carbonate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Iron Sulfide Iron Carbonate







Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
3 of 5

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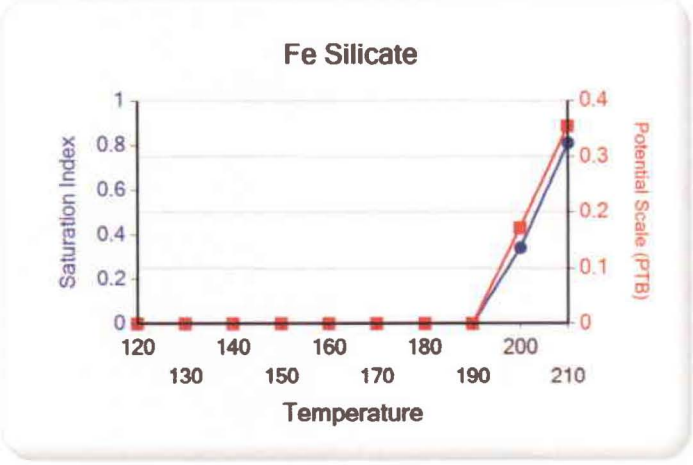
Water Analysis Report



Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F

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A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **WELLS DRAW INJ FACILITY**
Sample Point: **Commingled After Filter**
Sample Date: **11/18/2013**
Sample ID: **WA-259493**

Sales Rep: **Jacob Bird**
Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	**11/26/2013**
System Temperature 1 (°F):	**120**
System Pressure 1 (psig):	**2000**
System Temperature 2 (°F):	**210**
System Pressure 2 (psig):	**2000**
Calculated Density (g/ml):	**0.999**
pH:	**6.50**
Calculated TDS (mg/L):	**2413.76**
CO2 in Gas (%):	
Dissolved CO2 (mg/L)):	**24.00**
H2S in Gas (%):	
H2S in Water (mg/L):	**0.00**

Analysis @ Properties in Sample Specifics			
Cations	***mg/L***	***Anions***	***mg/L***
Sodium (Na):	**141.00**	Chloride (Cl):	**1000.00**
Potassium (K):	**39.00**	Sulfate (SO_4):	**41.00**
Magnesium (Mg):	**24.00**	Bicarbonate (HCO_3):	**1122.00**
Calcium (Ca):	**41.00**	Carbonate (CO_3):	
Strontium (Sr):	**0.70**	Acetic Acid (CH_3COO)	
Barium (Ba):	**0.00**	Propionic Acid (C_2H_5COO)	
Iron (Fe):	**0.11**	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	**0.03**	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	**0.00**	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	**0.00**	Silica (SiO_2):	**4.92**

Notes:
B=.4 Al=.18 Li=0

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum $CaSO_4 \cdot 2H_2O$		Celestite $SrSO_4$		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.14	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.06	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
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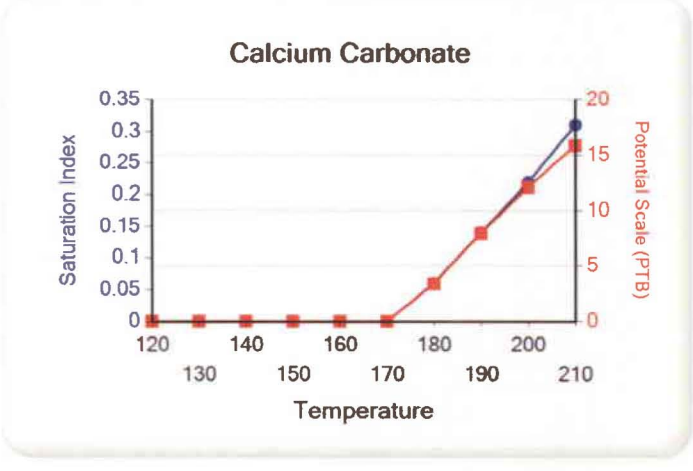
Water Analysis Report

		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate

These scales have positive scaling potential under final temperature and pressure:



Attachment "G"

Monument Federal 24-17-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
5200	5234	5217	2650	0.94	2616	
4845	4955	4900	2150	0.88	2119	
4664	4669	4667	1950	0.85	1920	
5482	5562	5522	2000	0.80	1964	
5032	5140	5086	1540	0.74	1507	←
4585	4595	4590	2150	0.90	2120	
5022	5148	5085	2150	0.86	2117	
				Minimum	1507	

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

AUG-11-96 SUN 22:00

ATTACHMENT G-1

1 of 15

BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT DATE 8-10-96

WELL NAME & NO. Monument Fed 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5751 PBTD 5679 KB 10 ELEV. GND. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 2

TBG. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8-Rd WT. 15.5 RNG. 3

CAS. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

PERFERATIONS / OPEN HOLE ____

REASON FOR JOB New Completion PRESENT OPERATION ____

CSG. PRESS. ____ TBG. PRESS. ____ WEATHER ____

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
1	Dress up location, Set rig anchors, set rig pump & tanks.
1300	MIRU Cannon Well Service Rig #2
	NU 5M Well head, NU BOP
	TIH w/ 4 3/4 Bit, 5 1/2 CSG Scraper & 183 JTS TBG
	Tag PBTD at 5679' KB
	Circulate hole clean w/ 140 BBLS 2% KCL Water
	Press. Test CSG to 1000 PSI.
	TOOH w/ TBG & tools
2100	Shut well in until 8-12-96

DAILY COSTS: LOAD TO RECOVER, 122 BBLS. OF Water

COMPLETION RIG	$ 1022	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUMS	$	RIG ANCHORS	$ 850
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$ 350
HOT OILER	$	TA, MA, SN,	$		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$		$
LOG & PERFERATE	$	VALVES & FITTINGS	$		$
STIMULATION	$	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS(RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$
CUMULATIVE COST	$				

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1

2 of 15

BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT DATE 8-12-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5751 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 2

TBG. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

PERFERATIONS / OPEN HOLE ____ , ____ , ____ , 5200-06 , 5209-12 , 5216-20 , 5222-26 , 5229-34

REASON FOR JOB New Completion PRESENT OPERATION ____

CSG. PRESS. ____ TBG. PRESS. ____ WEATHER 104° CLEAR

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0700	RU SCHLUMBERGER TO RUN CBL & PERF.
	RUN CBL FROM 5630 'KB TO 1800 'KB.
	TOC AT 2027 'KB.
	PERF. 5200-06, 5209-12, 5216-20, 5222-26, 5229-34 4-SPF.
	RD SCHLUMBERGER
	TIH W/TS RBP, RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PKR., SEAT NIPPLE & 168 JTS. 2 7/8 TBG.
	SET BP AT 5265 'KB, EOT AT 5168 'KB, PKR. AT 5161 'KB
1245	RU BJ SERVICES & BREAK DOWN 5200-5234.
	REFER TO TREATMENT REPORT. USED 90 BBL. WATER.
1300	TOOH W/TBG., PKR. & RETRIEVING TOOL. FLOW BACK 30 BBW.
1430	SWIFD

DAILY COSTS:

LOAD TO RECOVER, 182 BBLS. OF Water

COMPLETION RIG	$ 1109	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 177	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUPS	$	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$	TA, MA, SN,	$		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$		$
LOG & PERFERATE	$ 5066	VALVES & FITTINGS	$		$
STIMULATION	$ 1780	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$

CUMULATIVE COST $ ____

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1
3 of 15

BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT

DATE 8-13-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5751 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 3

TBG. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

PERFORATIONS / OPEN HOLE ____ , ____ , ____ , 5200-06 , 5209-12 , 5216-20 , 5222-26 , 5229-34

REASON FOR JOB New Completion PRESENT OPERATION ____

CSG. PRESS. 40 TBG. PRESS. ____ WEATHER P/C

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0500	RU BJ SERVICES TO FRAC 5200-5234
	REFER TO TREATMENT REPORT. USED 703 BBL. WATER.
0701	START FRAC
0744	END FRAC
0744	START FORCED CLOSURE FLOW BACK, .5 BPM.
	REFER TO FLOW REPORT.
	FLOW BACK 165 BBL. WATER, HEAVY SAND.
1330	TIH W/ RETRIEVING TOOL, 2 7/8 X 4' SUB, NO PKR, 2 7/8 SEAT
	NIPPLE + 165 JTS. 2 7/8 TBG.
	TAG SAND AT 5147' KB. CIRULATE DOWN TO BP AT 5265' KB.
	SET PKR. AT 5160' KB.
1530	MADE 13 SWAB RUNS. REFER TO SWAB REPORT.
	RECOVERED 66 BBL. WATER. GAS CUT, HEAVY SAND.
	FLUID LEVEL 1400' LAST 2 RUNS.
1700	SWIFD.

DAILY COSTS: 1st LOAD TO RECOVER, 654 BBLS. OF Water

COMPLETION RIG	$	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUMS	$	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$ 770	TA, MA, SN,	$		$
COMPLETION FLUID	$ 3169	WELL HEAD EQUIP.	$		$
LOG & PERFORATE	$	VALVES & FITTINGS	$		$
STIMULATION	$ 31,123	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$

CUMULATIVE COST $ ____

OPERATIONS SUERVISOR Dale Griffin

AUG-14-96 WED 20:20

ATTACHMENT G-1

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BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT

DATE 8-14-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5751 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 3

TBG. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

PERFORATIONS / OPEN HOLE ____, ____, ____, 5200-06, 5209-12, 5216-22, 5222-26, 5229-34

REASON FOR WORKOVER New Completion PRESENT OPERATION ____

CSG. PRESS. 0 TBG. PRESS. 10 WEATHER P/C 90°

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0700	FLUID LEVE AT SURFACE, BLEED WELL DOWN.
	MADE 44 SWAB RUNS.
	RECOVERED 20 BBL. OIL & 194 BBL. WATER.
	GOOD GAS, NO SAND.
	CUT 20% LAST 2 RUNS.
	FLUID LEVEL 2850' LAST 3 RUNS.
1800	SWIFD

DAILY COSTS: LOAD TO RECOVER, 460 BBLS. OF Water

COMPLETION RIG	$ 1723	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUPS	$	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$	TA, MA, SN,	$		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$		$
LOG & PERFORATE	$	VALVES & FITTINGS	$		$
STIMULATION	$	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$
CUMULATIVE COST	$				

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1
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BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT DATE 8-15-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9 S RNG. 16 E COUNTY Duchesne STATE Utah

TD 5715 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. ?

TBG. SIZE / TYPE GRADE THRD. WT. RNG.

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE TYPE GRADE THRD. WT. RNG.

PERFORATIONS / OPEN HOLE 4845-50, 4950-55, 5200-06, 5209-12, 5216-20, 5222-26, 5229-34

REASON FOR JOB New Completion PRESENT OPERATION

OPEN PRESS. 0 TBG. PRESS. 75 WEATHER

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0700	FLUID LEVEL AT 1400'
	RELEASE PKR. TAG SAND AT 5237' KB.
	CIRCULATE DOWN TO BP AT 5265' KB.
	RELEASE BP. RESET BP AT 5014' KB.
	TOOH W/TBG., PKR. & RETRIEVING TOOL.
	RU CUTTERS WIRE LINE & PERF. 4845-50 8-HOLES
	4950-55 6-HOLES
	RD CUTTERS.
0920	TIH W/RETRIEVING TOOL, 2 7/8 X 4' SUB, HD PKR, SEAT NIPPLE & 160 JTS. TBG.
1000	RESET BP AT 4869' KB, EOT AT 4823' KB, PKR. AT 4815' KB.
1010	RU BJ SERVICES & BREAK DOWN 4845-50 REFER TO TREATMENT REPORT. USED 35 BBL. WATER.
1045	RESET BP AT 5014' KB, EOT AT 4917' KB, PKR. AT 4909' KB.
	BREAK DOWN 4950-55. REFER TO TREATMENT REPORT. USED 49 BBL. WATER.
	RD BJ SERVICES.
1130	TOOH W/TBG., PKR. & RETRIEVING TOOL.
1300	SWIFD.

DAILY COSTS: LOAD TO RECOVER, 460 BBLS. OF Water

COMPLETION RIG	$ 936	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUPS	$	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$	TA, MA, SN,	$		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$		$
LOG & PERFORATE	$	VALVES & FITTINGS	$		$
STIMULATION	$ 1552	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS(RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$
CUMULATIVE COST	$				

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1
6 of 15

BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT DATE 8-16-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9 S RNG. 16 E COUNTY Duchesne STATE Utah

TD 5575 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 2

TBG. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

PERFERATIONS / OPEN HOLE 4664-69, 4845-50, 4950-55, 5200-06, 5209-12, 5216-20, 5222-26, 5229-34

REASON FOR JOB New Completion PRESENT OPERATION:

CSG. PRESS. 20 TBG. PRESS. ____ WEATHER ____

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0500	MU BJ SERVICES TO FRAC 4845-50, 4950-55
	REFER TO TREATMENT REPORT. USED 396 BBL. WATER.
0700	START FRAC
0716	END FRAC.
	MU CUTTER WIRE LINE & SET LE BP AT 4710' KB.
	PERF. (4664-69) 4-SPF.
	TIH W/HD PKR. & 148 JTS. 2 7/8 TBG., SET PKR. AT 4620' KB.
1010	BREAK DOWN 4664-69
	REFER TO TREATMENT REPORT. USED 39 BBL. WATER.
	TOOH W/TBG. & PKR.
	FRAC 4664-69
	REFER TO TREATMENT REPORT. USED 264 BBL. WATER.
1159	START FRAC
1212	END FRAC
1212	START FORCED CLOSURE FLOWBACK, .5 BPM.
	REFER TO FLOW REPORT.
	FLOWED BACK 173 BBL. WATER. NO SAND, NO O.L.
	TIH W/RETRIEVING TOOL & 147 JTS. TBG.
	TAG SAND AT 4592' KB. CIRCULATE DOWN TO BP AT 4710' KB.
	TOOH W/TBG. & BP.
1900	SWIFD

DAILY COSTS: LOAD TO RECOVER, 1070 (544) BBLS. OF Water

COMPLETION RIG	$ 1692	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUPS	$	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$ 728	TA, MA, SN,	$		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$		$
LOG & PERFERATE	$ 2681	VALVES & FITTINGS	$		$
STIMULATION (3,572)	$ 38540	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$

CUMULATIVE COST $ ____

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1

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BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT

DATE 8-17-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5715 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 3

PKR. SIZE TYPE GRADE THRD. WT. RNG.

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE TYPE GRADE THRD. WT. RNG.

PERFORATIONS / OPEN HOLE 4664-69, 4845-50, 4950-55, 5200-06, 5209-12, 5216-20, 5222-26, 5229-34

REASON FOR JOB New Completion PRESENT OPERATION

CSG. PRESS. 70 TUG. PRESS. WEATHER

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0700	BLEED WELL DOWN.
	TIH W/RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PKR., 2 3/8 SEAT NIPPLE & 154 JTS. 2 3/8 TBG.
	TAG SAND AT 4802' KB.
	CIRCULATE DOWN TO BP AT 5014' KB.
	SET PKR. AT 4627' KB.
	MADE 31 SWAB RUNS.
	RECOVERED 10 BBL. OIL & 142 BBL. WATER, TRACE SAND, GOOD GAS.
	OIL 10% LAST 3 RUNS.
	FLUID LEVEL 2200' LAST 4 RUNS.
	NO SAND LAST 4 RUNS.
1700	SWIFD

DAILY COSTS:

LOAD TO RECOVER, 928 (1070) BBLS. OF Water

COMPLETION RIG	$ 1660	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS	$	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUPS	$	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$	TA, MA, SN,	$		$
COMPLETION FLUID	$ 1954	WELL HEAD EQUIP.	$		$
LOG & PERFERATE	$	VALVES & FITTINGS	$		$
STIMULATION	$	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$

CUMULATIVE COST $

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1

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BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT DATE 8-19-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5751 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG. 3

TBG. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

CAS. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CAS. SIZE ____ TYPE ____ GRADE ____ THRD. ____ WT. ____ RNG. ____

PERFORATIONS / OPEN HOLE 4664-69, 4845-50, 4950-55, 5200-06, 5209-12, 5216-20, 5222-26, 5229-34

REASON FOR JOB New Completion PRESENT OPERATION: ____

CSG. PRESS. 0 TBG. PRESS. 260 WEATHER ____

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
0700	FLUID LEVE 200' FROM SURFACE.
	RELEASE PKR. TAG SAND AT 5000' KB.
	CIRCULATE DOWN TO BP AT 5014' KB. RELEASE BP.
	TOOH W/ TBG., PKR., & BP.
	TIH W/ PRODUCTION STRING (TBG.)

	LENGTH	DEPTH K.B.
1 - NOTCHED - PINNED COLLOR	.40	5322.69
1 - JT. 2 7/8 EUE J-55 8RD. 6.5 #	31.40	5322.29
1 - PERF. SUB 2 7/8 X 4'	4.20	5290.89
1 - SEAT NIPPLE 2 7/8	1.10	5286.69
21 - JTS, 2 7/8 EUE J-55 8RD. 6.5#	654.63	5285.59
1 - TBG. ANCHOR 2 7/8 X 5 1/2 (TBICO)	2.75	4626.96
148 - JTS, 2 7/8 EUE J-55 8RD. 6.5#	4614.21	4624.21
KB	10.00	

	ND BOP, ND 5M WELL HEAD, NU 3M WELL HEAD.
	SET TBG. ANCHOR W/ 11" TENSION. FLANGE UP WELL HEAD.
	TIH W/ PRODUCTION STRING (RODS)
	1 - DHP, 2 1/2 X 1 1/2 X 15 1/2 RHAC W/ SM PLUNGER. (TBICO # 1184)
	1 - PONY 7/8" X 2' W/ 2 1/2" GUIDE
	1 - K-BAR 1 1/2" X 25'
	1 - PONY 7/8" X 2' W/ 2 1/2" GUIDE
	209 - 3/4 X 25' D-61 PLAIN
	1 - 3/4" X 2' PONY
	1 - POLISH ROD 1 1/4" X 22' SM
	PRESS. TEST DHP & TBG. TO 1000 PSI, OK.
	SHUT WELL IN.
	RDMO

DAILY COSTS: LOAD TO RECOVER, 928 BBLS. OF Water

COMPLETION RIG	$ 1377	TBG.	$	CHEMICALS	$
BOP RENTAL	$ 170	RODS 5225'	$ 4650	CEMENTING	$
EQUIP. RENTAL	$ 90	PONIES & PUPS	$ 276	RIG ANCHORS	$
TANK RENTAL	$ 90	DOWN HOLE PUMP	$ 1075	CATS & GRADERS	$
HOT OILER	$ 269	CR, MA, SN	$ 767		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$ 1736		$
LOG & PERFORATE	$	VALVES & FITTINGS	$		$
STIMULATION	$	TREATER/SEPERATER	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$

CUMULATIVE COST $ ____

OPERATIONS SUERVISOR Dale Griffin

ATTACHMENT G-1
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BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT DATE 8-30-96

WELL NAME & NO. Monument Fed. 24-17-9-16 FIELD Monument Butte

SEC. 17 TWP. 9S RNG. 16E COUNTY Duchesne STATE Utah

TD 5751 PBTD 5679 KB 10 ELEV. GRD. LEVEL 6008

TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 Rd WT. 6.5 RNG.

TBG. SIZE TYPE GRADE THRD. WT. RNG.

CSG. SIZE 5 1/2 TYPE LT&C GRADE J-55 THRD. 8 Rd WT. 15.5 RNG. 3

CSG. SIZE TYPE GRADE THRD. WT. RNG.

PERFORATIONS / OPEN HOLE 4664-69, 4845-50, 4950-55, 5200-06, 5209-12
5216-20, 5222-26, 5229-34

REASON FOR JOB New Completion PRESENT OPERATION: INITIAL PRODUCTION

CSG. PRESS. TBG. PRESS. WEATHER

TIME	DESCRIPTION OF OPERATIONS AND COMMENTS
1600	START WELL PUMPING.
	6 1/2 SPM
	86 " STROKE
	PUMP UNIT: LUFKIN, C320D-305-100
	S/N D46707M-368833 (FROM: GANE)
	ENGINE: AJAX, 8 1/2X10 E-42 S/N 65872 (FROM: FIMCO)
	TANKS: NATCO, 12'X20' 400 BBL W/ CATWALK, STAIRS & BURNERS.
	S/N BD 16101-10 (FROM: NATCO)
	S/N BD 16101-18 (FROM: NATCO)
	DRAIN TANK: 12'X5' 100 BBL. OPEN TOP. (FROM: W.E. MACHINE)
	TREATER: ONEIL, 6'X20' 75 PSI WP, YR 1982
	S/N 4346 (FROM: B.F. 11-20Y)
	PUMPER: PAT WISENER

DAILY COSTS: LOAD TO RECOVER, 928 BBLS. OF Water

COMPLETION RIG	$	TBG.	$	CHEMICALS	$
BOP RENTAL	$	RODS	$	CEMENTING	$
EQUIP. RENTAL	$	PONIES & PUPS	$	RIG ANCHORS	$
TANK RENTAL	$	DOWN HOLE PUMP	$	CATS & GRADERS	$
HOT OILER	$	TA, MA, SN,	$		$
COMPLETION FLUID	$	WELL HEAD EQUIP.	$		$
LOG & PERFORATE	$	VALVES & FITTINGS	$ 11,259		$
STIMULATION	$	TREATER/SEPERATOR	$		$
TRANSPORTATION	$	TANKS	$		$
CONTRACT LABOR	$ 13,189	PUMP UNIT/ENGINES	$		$
PACKERS (RENTAL)	$	PACKERS/PURCHASE	$	SUPERVISION	$

CUMULATIVE COST $

OPERATIONS SUPERVISOR Dale Griffin

ATTACHMENT G-1
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Inland RESOURCES INC.

Daily Workover Report

MONUMENT FEDERAL 24-17-9-16
SE/SW Section 17, T09S R16E
DUCHESNE Co., Utah
API # 43-013-31682

Spud Date: 7/18/96
POP: 8/30/96
TD: 5750'
WO Rig: Flint #4352

6/5/98 **PO: Perf CP sands/PU frac tbg & tools. (Day 1)**
Summary: 6/4/98 – MIRU Flint #4352. Pump 100 bbls hot prod wtr dn csg. RD pumping unit. Unseat rod pump. Flush rods w/50 bbls hot wtr. TOH w/rod string – LD pump. Found est. 50 worn rod boxes. ND wellhead. Release TA. NU BOP. TOH, talley prod tbg. LD BHA & 3 jts worn tbg (hole in #166). TIH w/4-3/4" bit, 5-1/2" csg scraper, 166 jts 2-7/8" 8rd 6.5# J-55 prod tbg & 14 jts work string. Tag fill @ 5628'. C/O fill to PBTD @ 5679'. Circ hole clean. (Took 35 BW to fill hole, lost 120 BW during circ, rec est 50 BO). Drop test ball dn tbg. Press test prod tbg to 1500 psi – 10 min. Rev out test ball. TOH w/tbg. LD bit & scraper. SIFN w/est 305 BWTR.
DC: $4,576 TWC: $4,576

6/6/98 **PO: Frac CP sands. (Day 2)**
Summary: 6/5/98 – CP: 0. RU Schlumberger & **PERF CP SD @ 5482-85', 5517-28' & 5551-62' W/4 JSPF**. PU & TIH w/5-1/2" RTTS pkr & 170 jts 2-7/8" 8rd 6.5# L-80 tbg. Set pkr @ 5346'. IFL @ 1200'. Swb FL dn to 5300'. Rec 24 BTF. SIFN w/est 281 BWTR.
DC: $5,109 TWC: $9,685

6/7/98 **PO: Perf LDC sands/prep for frac. (Day 3)**
Summary: 6/6/98 – TP: 0, CP: 0. Make 1 dry swb run. Fill csg w/27 BW. RU BJ Services to tbg and frac CP sds w/102,300# 20/40 sd in 445 bbls Viking I-25 fluid. Perfs broke dn @ 3920 psi. Treated @ ave press of 6825 psi w/ave rate of 27 bpm. ISIP: 2000 psi, 5 min: 1840 psi. Flowback on 12/64" choke for 4-1/2 hrs & died. Rec 108 BTF (est 24% of load). SIFN w/est 645 BWTR.
DC: $28,471 TWC: $38,156

6/8/98 **SD for Sunday.**

6/9/98 **PO: Frac LDC sds dn tbg. (Day 4)**
Summary: 6/8/98 – TP: 25, CP: 0. Bleed off est 2 bbls frac fluid. Fill csg w/28 BW. Open bypass on pkr. Circ hole w/50 BW – clean wtr returns. Release pkr. TOH w/tbg. LD pkr. RU Schlumberger & **perf LDC sds @ 5032-35', 5047-62', 5069-76', 5083-95', 5121-26' & 5131-40' w/2 jspf**. TIH w/5-1/2" RBP, pup jt, 5-1/2" RTTS pkr & L-80 tbg to 5180'. Set plug. Set pkr @ 5163'. Press test plug to 3000 psi. (Fill tbg w/3 BW). Release pkr & reset @ 4969'. IFL @ 200'. Swab tbg dn to 4900'. Rec 27 BTF. SIFN w/est 647 BWTR.
DC: $6,743 TWC: $44,899

6/10/98 **PO: Set Plug Below D-2 Sds/Swb FL DN L-80 tbg. (Day 5)**
Summary: 6/9/98- TP: 0, CP: 0. 1 FLC 800'. Made 4 swb runs rec 24 BTF. FFLC 4900'. Fill csg w/25 BTF. RU BJ Services to tbg and frac "new LDC sds w/95,500# 20/40 sd in 432 bbls Viking I-25 fluid. Perfs broke dn @ 3010 psi, 5 min-1375 psi. Treated @ ave press of 5520 psi w/ave rate of 27.5 BPM. ISIP-1540 psi, 5 min-1375 Psi. Flowback on 12/64 choke for 2 hrs & died. Rec 79 BTF (est 18% of load). SIFN W/est 1001 BWTR.
DC: $27,236 TWC: $72,135

Inland RESOURCES INC.

Daily Workover Report – Page Two

MONUMENT FEDERAL 24-17-9-16
SE/SW Section 17, T09S R16E
DUCHESNE Co., Utah
API # 43-013-31682

Spud Date: 7/18/96
POP: 8/30/96
TD: 5750'
WO Rig: Flint #4352

6/10/98 **PO: Set plug below D-2. Swab FL dn. LD L-80 tbg. (Day 5)**
Summary: 6/9/98 – TP: 0, CP: 0. IFL @ 800'. Made 4 swab runs, rec 24 BTF. FFL @ 4900'. Fill csg w/25 BTF. RU BJ Services to tbg & frac "new" LDC sds w/95,500# 20/40 sd in 432 bbls Viking I-25 fluid. Perfs broke dn @ 3010 psi. Treated @ ave press of 5520 psi w/ave rate of 27.5 BPM. ISIP: 1540 psi, 5 min: 1375 psi. Flowback on 12/64 choke for 2 hrs & died. Rec 79 BTF (est 18% of load). SIFN w/est 1001 BWTR.
DC: $27,236 TWC: $72,135

6/11/98 **PO: Frac D-1 sds. (Day 6)**
Summary: 6/10/98 – TP: 0, CP: 0. Fill csg w/24 BW. Rel. pkr @ 4969'. Circ hole clean. TIH w/tbg. Tag sd @ 5073'. CO sd to RBP @ 5180'. Lost est 25 BW. Release plug. Pull up & reset @ 4758'. Set pkr @ 4720'. Press test plug to 3000 psi. Release pkr. Swab FL dn to 4000'. Rec 86 BTF. TOH & LD L-80 tbg & pkr. RU Schlumberger & **perf D-1 sds @ 4585-95' w/4 jspf**. TIH w/RH & tbg to 1256'. SIFN w/est 964 BWTR.
DC: $6,442 TWC: $78,577

6/12/98 **PO: Pull plug/clean out PBTD/swab well. (Day 7)**
Summary: 6/11/98 – CP: 25. Bleed gas off well. TIH w/RH & tbg f/1256' to 4670'. IFL @ 800', made 11 swb runs, rec 110 BTF w/tr oil, FFL holding @ 4000'. TOH w/tbg. NU isolation tool. RU BJ Services and frac D-1 & D-2 sds w/117,110# 20/40 sd in 594 bbls Viking I-25 fluid. Perfs broke dn @ 3170 psi. Treated @ ave press of 2415 psi w/ave rate of 30 bpm. ISIP: 2150 psi, 5 min: 1980 psi. Flowback on12/64" choke for 4 hrs & died. Rec 150 BTF (est 25% of load). SIFN w/est 1298 BWTR.
DC: $23,366 TWC: $101,943

6/13/98 **PO: Swab well. Trip & land production tbg. (Day 8)**
Summary: 6/12/98 – CP: 0. TIH w/RH & tbg. Tag sd @ 4491'. CO sd to RBP @ 4758'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5492'. CO sd to PBTD @ 5679'. Circ hole clean. Lost 250 BW during circ's. Pull EOT to 5628'. IFL @ sfc. Made 17 swab runs, rec 240 BTF w/tr sd. FFL @ 800'. SIFN w/est 1308 BWTR.
DC: $2,473 TWC: $104,416

6/14/98 **PO: Run rods. Place well on production. (Day 9)**
Summary: 6/13/98 – TP: 0, CP: 0. IFL @ 500'. Made 23 swab runs, rec 272 BTF w/tr oil & no sd. FFL @ 1800'. TIH w/tbg. Tag sd @ 5673' (6' fill). TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 1 jt tbg, SN, 4 jts tbg, 5-1/2" TA, 174 jts 2-7/8" 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5439' w/SN @ 5568' & EOT @ 5600'. Land tbg w/10,000# tension. NU well head. SIFN w/est 1036 BWTR.
DC: $3,520 TWC: $107,936

6/15/98 **SD for Sunday.**

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Inland RESOURCES INC.

Daily Workover Report – Page Three

MONUMENT FEDERAL 24-17-9-16
SE/SW Section 17, T09S R16E
DUCHESNE Co., Utah
API # 43-013-31682

Spud Date: 7/18/96
POP: 8/30/96
TD: 5750'
WO Rig: Flint #4352

6/16/98 **PO: Well on production. (Day 10)**

Summary: 6/15/98 – TP: 0. TIH w/rod string as follows: 2-1/2" x 1-1/2" x 15-1/2" RHAC pmp (repaired), 1 – 2' x 7/8" guided pony rod, 4 – 1-1/2" weight rods, 1 – 2' x 7/8" guided pony rod, 4 – ¾" scrapered rods, 5 – ¾" plain rods, 12 – ¾" scrapered rods, 196 – ¾" plain rods, 1 – 6' x ¾" pony rod, 1-1/4" x 22' polished rod. Changed 43 – worn ¾" rod boxes. Seat pmp. Fill tbg w/7 BW. Press test pmp & tbg to 500 psi. RU pumping unit. Stroke pmp up to 1000 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 12:00 pm, 6/15/98 W/86" SL @ 5 SPM.** Est 1043 BWTR.

DC: $3,813 TWC: $111,749

ATTACHMENT G-1
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Inland RESOURCES INC.

Daily Workover Report – Page Four

MONUMENT FEDERAL 24-17-9-16
SE/SW Section 17, T09S R16E
DUCHESNE Co., Utah
API # 43-013-31682

Spud Date: 7/18/96
POP: 8/30/96
TD: 5750'
WO Rig: Flint #4352

Date	BOPD	MCFD	BWPD	BWTR	Csg PSI	Remarks
6/15/98				1043		Rec'd f/workover
6/16/98	215	0	0	1043	0#	Making Wtr @ Wellhead
6/17/98	-156	0	255	788	80#	-255 BW F/PROD; 154/WDI
6/18/98	0	0	127	661	75#	
6/19/98	-38	0	114	547	30#	(-)114 BW F/PROD TNK
6/20/98	-36	0	105	442	110#	(-)105 BW F/PROD TNK
6/21/98	-38	0	120	322	100#	
6/22/98	0	0	110	212	100#	
6/23/98	-39	0	147	65	100#	93 BW F/PROD TNK
6/24/98	-117	0	216		100#	(-) 216 BW F/PROD TNK
6/25/98	0	0	71		10#	
6/26/98	70	0	0		10#	
6/27/98	-45	0	119		10#	(-) 119 BW F/PROD
6/28/98	-39	0	110		30#	(-)110 BW F/PROD
6/29/98	0	0	79		68#	
6/30/98	-35	0	113		100#	(-)113 F/PROD TNK
7/1/98	30	0	0		0#	Prod 12 hrs – no csg gas
7/2/98	48	0	56		80#	56 BW F/PROD
7/3/98	7	0	10		0#	Prod 10 hrs – csg gas; 10 BW F/T1 T/ORS
7/4/98	107	0	0		60#	
7/5/98	-55	0	224		80#	(-) 112 BW F/PROD TNK
7/6/98	-65	0	117		80#	(-) 117 BW F/PROD T/JIF
7/7/98	72	0	0		40#	
7/8/98	102	0	37		150#	37 BW F/T1 T/T3
7/9/98	-84	0	106		0#	(-) 106 BW F/T1 T/ORS; Dn 12 hrs
7/10/98	-25	0	154		100#	(-) 154 BW F/PROD TNK; 37 T/T3
7/11/98	19	0	198		30#	78 BW F/PROD TNK
7/12/98	114	0	11		20#	129 BO F/PRODT1 T/PRODT2
7/13/98	31	0	0		30#	Prod 8 hrs - WO

7/14/98 **PO: Isolate & swab zones (check for wtr). (Day 1)**
Summary: 7/13/98 – MIRU Flint #4358. HO Trk pumped 100 bbls prod wtr dn csg. RD pumping unit. Unseat rod pmp. Flush rods w/50 bbls prod wtr. TOH w/rod string – LD pmp. ND well head. Release TA. NU BOP. PU & TIH w/3 jts tbg. Tag sd @ 5663' (10' add'l fill). LD 3 jts tbg. TOH w/production tbg. LD BHA. SIFN w/est 150 BWTR.
DC: $2,668 TWC: $2,668

ATTACHMENT G-1
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Inland RESOURCES INC.

Daily Workover Report – Page Five

MONUMENT FEDERAL 24-17-9-16
SE/SW Section 17, T09S R16E
DUCHESNE Co., Utah
API # 43-013-31682

Spud Date: 7/18/96
POP: 8/30/96
TD: 5750'
WO Rig: Flint #4352

7/15/98 **PO: Isolate & swab zones for wtr entry. (Day 2)**
Summary: 7/14/98 – CP: 0. TIH w/5-1/2" RBP, pup jt, 5-1/2" RTTS pkr & tbg. Set plug @ 5616'. Set pkr @ 5587'. Fill tbg w/15 BW. Press test tbg & tools to 1500 psi. Release pkr. Pull to 5393' & reset. IFL @ 200'. Made 6 swab runs, rec 37 BTF (est 25 BW, 12 BO). FOC @ 90%. FFL @ 3200'. Release pkr. TIH w/tbg. Tag sd @ 5591'. RU to circ. Fill hole w/175 BW to gain circulation. CO sd to RBP @ 5616'. Release plug. Lost 75 BW during circ. Pull plug to 5187' & reset. Pull pkr to 4869' & reset. IFL @ 50'. Made 7 swab runs, rec 53 BTF w/heavy sd. FOC @ 3%. FFL @ 1900'. SIFN w/est 322 BWTR.
DC: $3,861 TWC: $6,529

7/16/98 **PO: Drill out squeezed perfs. (Day 3)**
Summary: 7/15/98 – TP: 0, CP: 0. IFL @ 1500'. IOC @ 10%. Made 4 swab runs, rec 34 BTF w/tr oil & heavy sd on last run. FFL @ 2100'. Release pkr. TIH w/tbg. Tag sd @ 5093'. CO sd to 5178'. (Lost 229 BW circulating). Pull pkr to 4969' & reset. RU Halliburton & squeeze upper LDC perfs w/sequence as follows: 5 bbls Calcium Chloride wtr , 2 bbls fresh wtr, 9.5 bbls Flowcheck, 7 bbls Injectrol "G", 2 bbls fresh wtr, 20 sks Class "G" Neat cmt mixed @ 15.6 ppg w/1.18 cf/sk yield, 2 bbls fresh wtr, 5 bbls Calcium Chloride wtr, 2 bbls fresh wtr, 8.5 bbls Flowcheck, 2 bbls fresh wtr, 90 sks Class "G" Neat cmt mixed @ 15.6 ppg w/1.18 cf/sk yield, 30 bbls fresh wtr displacement w/press @ 1500 psi. Bleed press off slowly – no flowback. Release pkr. Rev circ 1-1/2 tbg volumes. Rec 1-1/2 bbl cmt. Reset pkr @ 4965'. Press up on tbg to 1000 psi. After 20 min – press @ 350 & holding. SIFN w/est 647 BWTR. (Lost 80 BW during cmt job & reversing out cmt.)
DC: $8,687 TWC: $15,216

7/17/98 **PO: Drill out & swab test squeezed LDC perfs. (Day 4)**
Summary: 7/16/98 – TP: 0, CP: 0. Tbg on slight vacuum. Fill w/1/2 BW. Pressure up against squeezed LDC perfs to 500 psi. Leaks off 100 psi in 5 min, 400 psi in 15 min. Release pkr. TOH w/tbg. LD pkr, pup jt, RH. TIH w/4-3/4" drag bit, bit sub & tbg. Tag cmt @ 4984'. RU power swivel. Drill out cmt to 5009' (soft cmt). PU off btm & circ hole clean. WO mechanic to repair rig. SIFN w/est 749 BWTR. (Lost 102 BW filling hole & drilling cmt.)
DC: $1,957 TWC: $17,173

7/18/98 **PO: Swab test squeezed LDC perfs. (Day 5)**
Summary: 7/17/98 – TP: 0, CP: 0. Fill hole w/30 BW to gain circ. Drilled soft cmt f/5010' to 5042'. Lost circ, took 24 bbls to regain. Drilled hard cmt f/5042' to 5094' – fell through. Circ dn to 5178'. Circ hole clean. Lost add'l 20 BW. RD drlg equipment. TOH w/tbg. LD bit & bit sub. TIH w/RH, pup jt, 5-1/2 RTTS pkr & tbg. Set pkr @ 4969'. IFL @ 450'. Made 5 swab runs, rec 26 BTF. Stack out on something @ 4500' on 6th run, couldn't get through. Made a sinker bar run & didn't tag anything. Ran cups on next run, tagged fluid @ 4500', ran to pkr, didn't pull any fluid. SIFN w/est 797 BWTR.
DC: $2,864 TWC: $20,037

Inland RESOURCES INC.

Daily Workover Report – Page Six

MONUMENT FEDERAL 24-17-9-16
SE/SW Section 17, T09S R16E
DUCHESNE Co., Utah
API # 43-013-31682

Spud Date: 7/18/96
POP: 8/30/96
TD: 5750'
WO Rig: Flint #4352

7/19/98 **PO: Well on production. (Day 6)**
Summary: 7/18/98 – TP: 5, CP: 0. Bleed sm amt gas off tbg. IFL @ 3700'. (800' overnite inflow.) Rec 4 BTF 1st run (2 BO, 2 BW). 2nd run dry. Release pkr. TIH & tag sd @ 5178'. CO sd to RBP @ 5187'. Release plug. TOH w/tbg & LD tools. TIH w/4-3/4" bit, 5-1/2" csg scraper & tbg. Tag sd @ 5649'. CO sd to PBTD @ 5679', Circ hole clean. Lost est 100 BW filling hole & both circulations. TOH w/tbg. LD bit & scraper. TIH w/production tbg as follows: 2-7/8 NC, 1 jt tbg, SN, 4 jts tbg, 5-1/2 TA, 174 jts 2-7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5439' w/SN @ 5568' & EOT @ 5600'. Land tbg w/12,000# tension. NU wellhead. PU & TIH w/rod string as follows: 2-1/2 x 1-1/2 x 15-1/2 RHAC pmp, 4 – 1-1/2" weight rods, 1 – 2' x 7/8" scrapered pony rod, 4 – ¾" scrapered rods, 5 – ¾" plain rods, 12 – ¾" scrapered rods, 196 – ¾" plain rods, 1 – 2', 1 – 6' x ¾" pony rods, 1-1/4 x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/4 BW. Press test tbg & pmp to 500 psi. Stroke pmp up w/unit to 800 psi. Good pmp action. **PLACE WELL ON PRODUCTION @ 6:30 PM, 7/18/98 W/86" SL @ 6 SPM**. Est 899 BWTR.
DC: $3,556 TWC: $23,593

7/20/98 **SD for Sunday.**

7/21/98 **PO: Well on production. (Day 7)**
Summary: 7/20/98 – Check well – pumping good. Rack out equipment. RDMO.
DC: $416 TWC: $24,009

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4614'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	180' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.		Perforate 4 JSPF @ 1577'
5.	Plug #3	120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
6.		Perforate 4 JSPF @ 330'
7.	Plug #4	Circulate 102 sx Class "G" cement down 5 ½" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is $42,000.

ATTACHMENT H-1

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
Put on Production: 8/30/1996
GL: 6008' KB: 6018'

Initial Production: 20 BOPD, NM MCFD, 5 BWPD

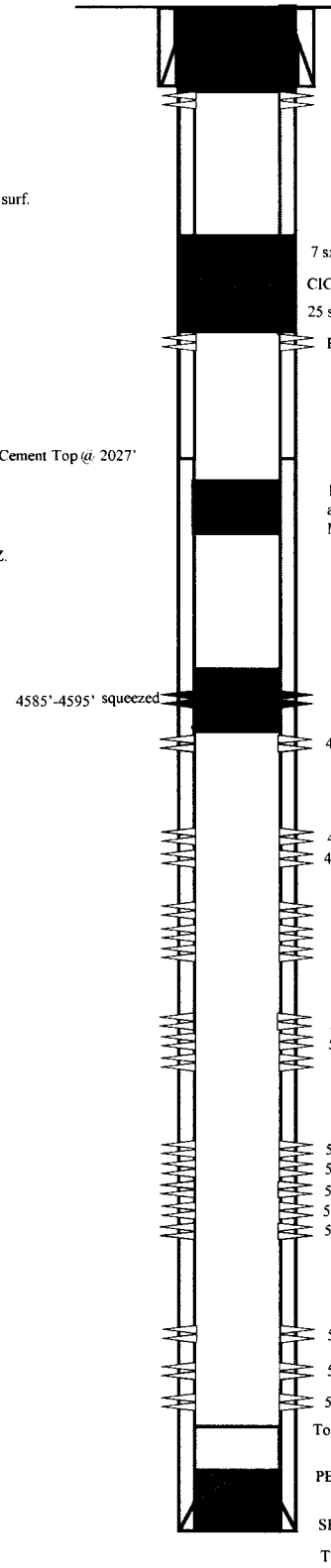
Proposed P &A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 268.95'
DEPTH LANDED: 279.95'
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5716.51'
DEPTH LANDED: 5726.51'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
CEMENT TOP AT: 2027' per CBL



Circulate 102 sx Class "G" Cement down 5-1/2" casing and up the 5 ½" x 8 5/8" annulus

Perforate 4 JSPF @ 330'

7 sx Class G Cement plug on top of CICR

CICR @ 1517'

25 sx Class G Cement plug below CICR

Perforate 4 JSPF @ 1577'

Uinta/Green River
120' Plug w/0' excess
(1457'-1577')

Cement Top @ 2027'

180' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2770'-2950')

4585'-4595' squeezed

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4614'

4664'-4669'

4845'-4850'
4950'-4955'

5022'-5036'
5045'-5063'
5068'-5096'

5102'-5110'
5118'-5128'
5131'-5148'

5200'-5206'
5209'-5212'
5216'-5220'
5222'-5226'
5229'-5234'

5482'-5485'

5517'-5528'

5551'-5561'

Top of Fill 5665'

PBTD @ 5679'

SHOE 5726'

TD @ 5751'

NEWFIELD

Monument Fed. #24-17-9-16
660' FSL & 1980' FWL
SESW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-31682; Lease #U-52018

JL 1/21/2014